

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047379.D
 Acq On : 07 Mar 2022 19:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Mar 08 03:04:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	185985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	177095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55872	4.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.919	69	52171	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.572	65	24368	4.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.642	46	184729	42.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	5.067	84	125742	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.707	65	68639	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.729	84	243373	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.694	67	78807	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.899	98	222606	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.179	79	33109	4.850	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.636	63	188528	48.526	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	77341	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	98558	5.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	69561	5.932	ug/L	99
3) Chloromethane	1.523	50	72541	5.594	ug/L	97
5) Vinyl chloride	1.607	62	69975	5.674	ug/L	100
6) Bromomethane	1.861	94	38356	5.743	ug/L	97
8) Chloroethane	1.938	64	41398	5.804	ug/L	100
9) Trichlorofluoromethane	2.144	101	92321	6.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53926	6.026	ug/L	92
12) 1,1-Dichloroethene	2.584	96	54143	5.939	ug/L	79
13) Acetone	2.658	43	72507	41.449	ug/L	99
14) Carbon disulfide	2.800	76	166697	5.673	ug/L	100
15) Methyl Acetate	2.964	43	23457	5.853	ug/L	98
16) Methylene chloride	3.051	84	61587	5.803	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	134776	5.521	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	57150	5.772	ug/L	91
19) 1,1-Dichloroethane	3.877	63	97302	5.903	ug/L	99
21) 2-Butanone	4.723	43	136233	40.968	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	62877	5.834	ug/L	93
23) Bromochloromethane	4.980	128	30766	5.716	ug/L	# 84
25) Chloroform	5.092	83	103381	5.732	ug/L	100

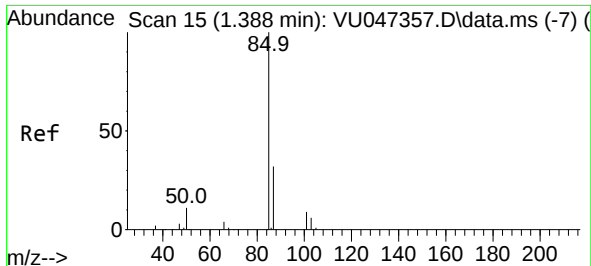
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	66702	5.491	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	90062	6.056	ug/L	98
30) Cyclohexane	5.391	56	86278	5.929	ug/L	96
31) Carbon tetrachloride	5.530	117	77364	6.025	ug/L	99
33) Benzene	5.777	78	236397	5.915	ug/L	100
34) Trichloroethene	6.546	95	62563	5.956	ug/L	93
35) Methylcyclohexane	6.768	83	95043	5.900	ug/L	94
37) 1,2-Dichloropropane	6.793	63	57253	5.776	ug/L	99
38) Bromodichloromethane	7.108	83	76022	5.844	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	86744	5.512	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	383641	51.314	ug/L	97
42) Toluene	7.970	91	259286	5.985	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	76632	5.495	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	47713	5.567	ug/L	99
47) Tetrachloroethene	8.555	164	53157	5.940	ug/L	92
48) 2-Hexanone	8.687	43	284282	50.980	ug/L	98
49) Dibromochloromethane	8.813	129	56611	5.612	ug/L	98
50) 1,2-Dibromoethane	8.925	107	47682	5.446	ug/L #	96
51) Chlorobenzene	9.449	112	170326	5.839	ug/L	95
52) Ethylbenzene	9.571	91	277060	5.979	ug/L	99
53) m,p-Xylene	9.694	106	108433	5.888	ug/L	99
54) o-Xylene	10.102	106	104694	5.895	ug/L	97
55) Styrene	10.115	104	179471	5.960	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.784	83	60683	5.115	ug/L	97
59) Bromoform	10.292	173	35228	5.553	ug/L #	97
60) Isopropylbenzene	10.484	105	277764	6.296	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	43678	5.350	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	182148	6.187	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	236785	6.174	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	142902	6.054	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	144469	5.974	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	138073	5.916	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	10049	5.387	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	120145	6.105	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	105611	5.905	ug/L	98
71) Naphthalene	14.086	128	183438	5.145	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	97877	5.879	ug/L	97

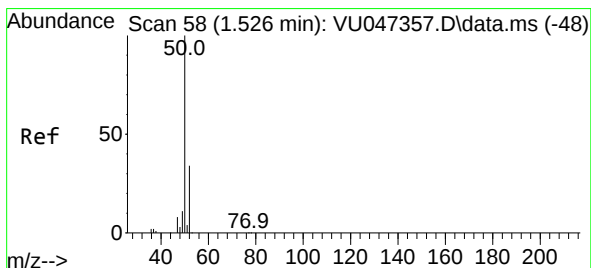
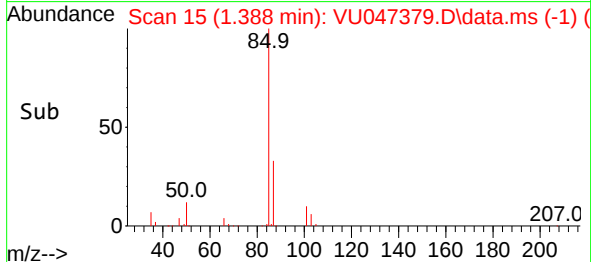
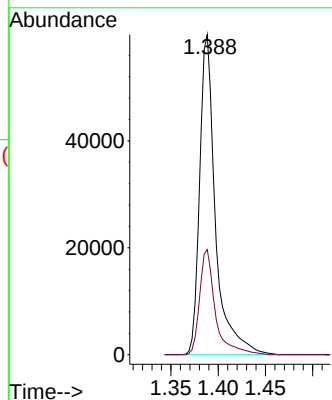
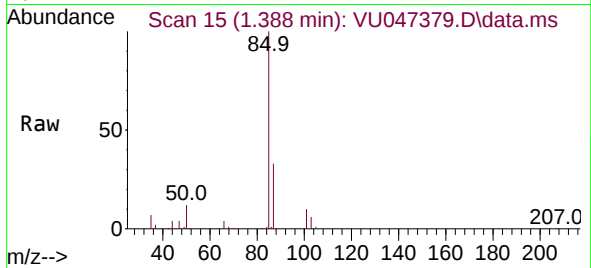
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#2
Dichlorodifluoromethane
Concen: 5.932 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

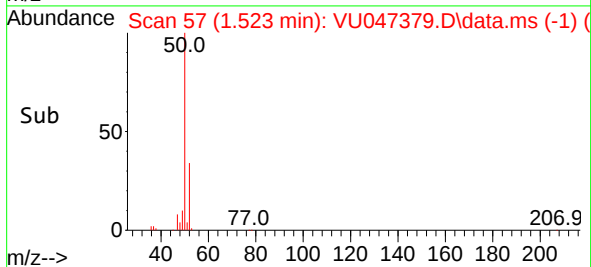
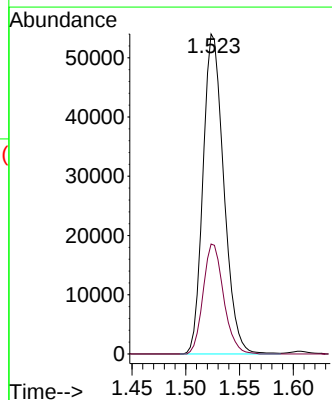
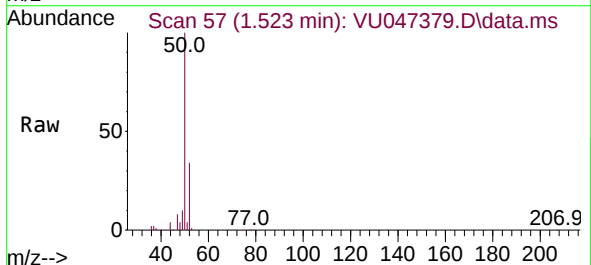
Instrument :
MSVOA_U
ClientSampleId :
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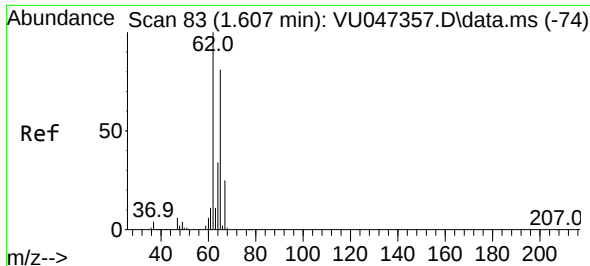
Tgt Ion: 85 Resp: 69561
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6



#3
Chloromethane
Concen: 5.594 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 50 Resp: 72541
Ion Ratio Lower Upper
50 100
52 34.3 23.0 42.8

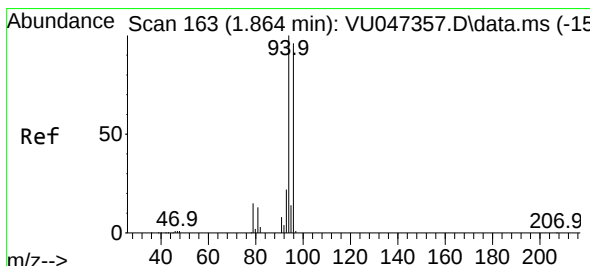
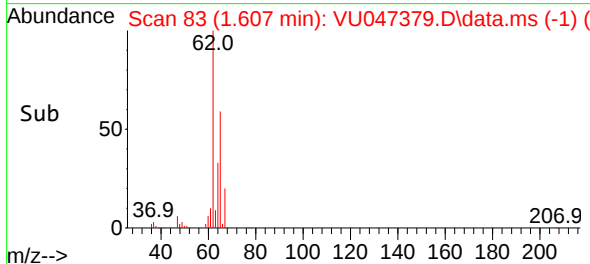
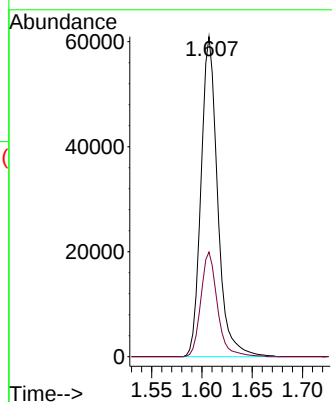
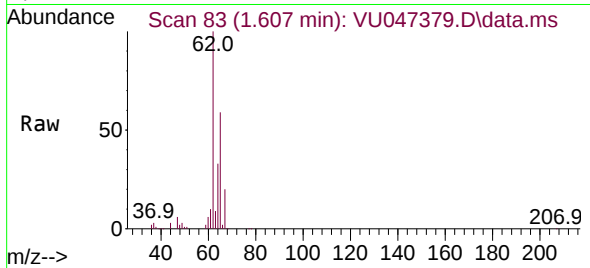




#5
 Vinyl chloride
 Concen: 5.674 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047379.D
 Acq: 07 Mar 2022 19:52

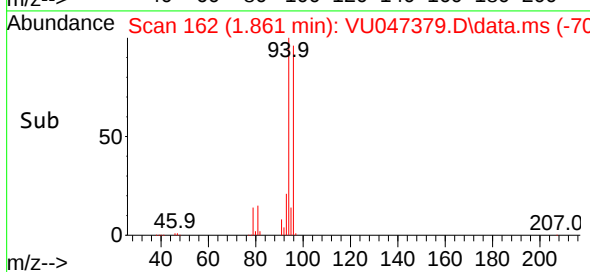
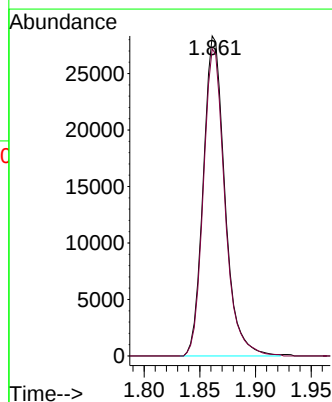
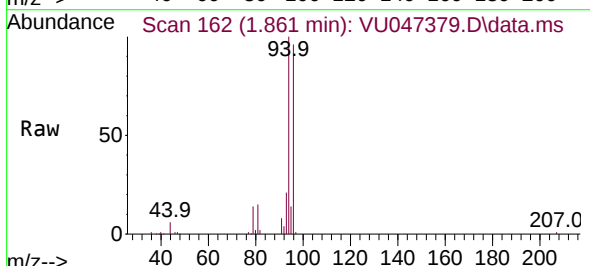
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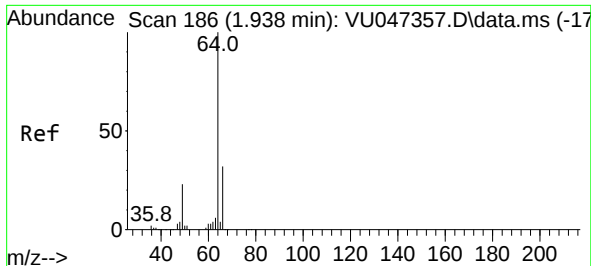
Tgt Ion: 62 Resp: 69975
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 5.743 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047379.D
 Acq: 07 Mar 2022 19:52

Tgt Ion: 94 Resp: 38356
 Ion Ratio Lower Upper
 94 100
 96 96.0 65.5 121.6

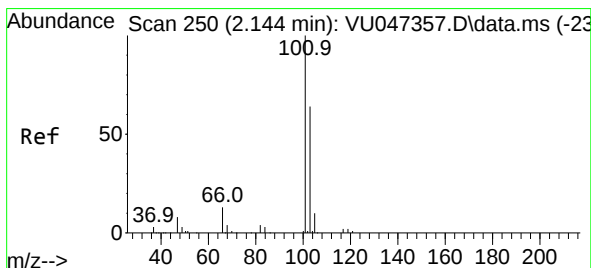
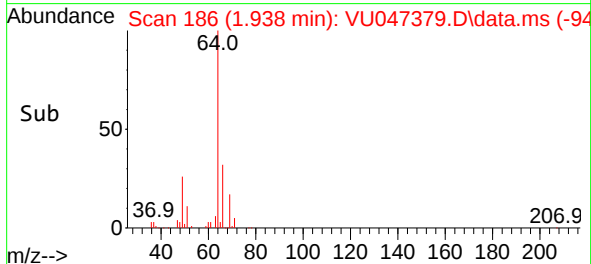
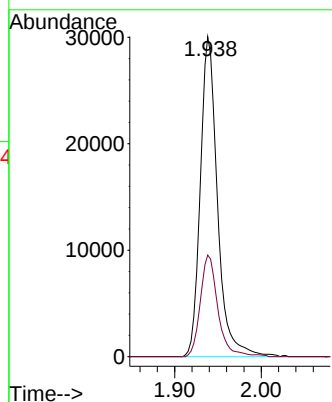
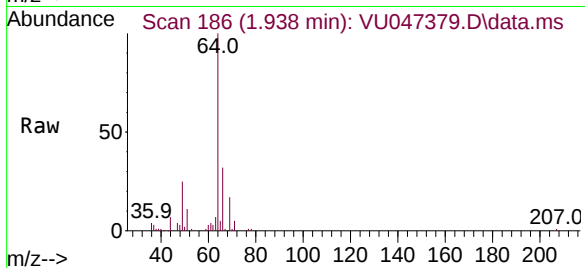




#8
Chloroethane
Concen: 5.804 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

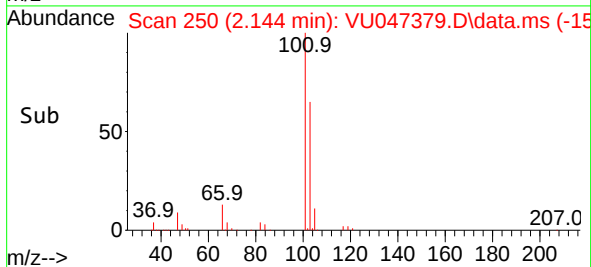
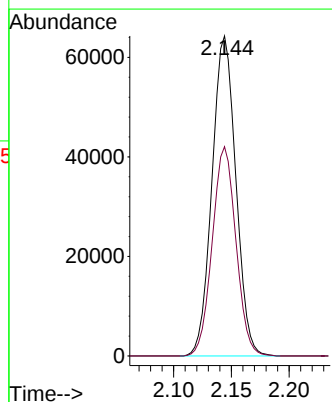
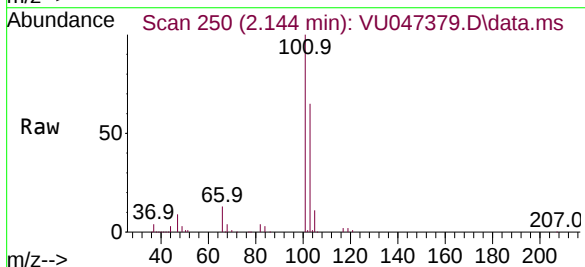
Instrument :
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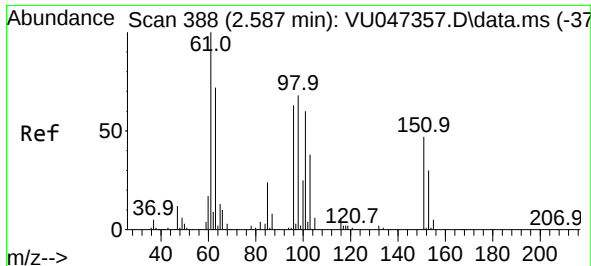
Tgt Ion: 64 Resp: 41398
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.022 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion:101 Resp: 92321
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.026 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

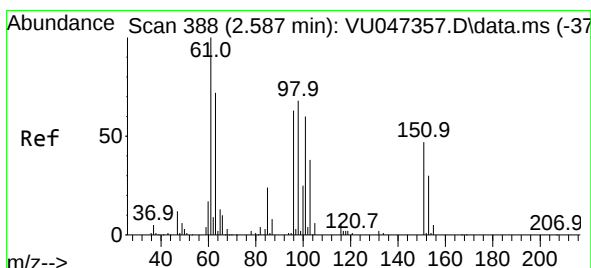
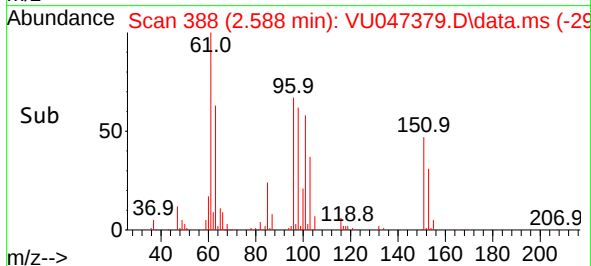
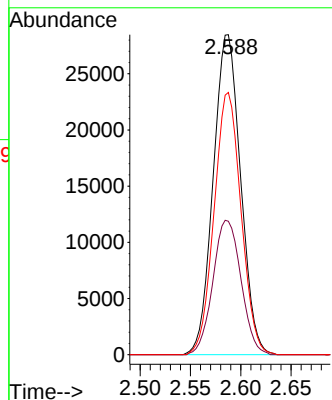
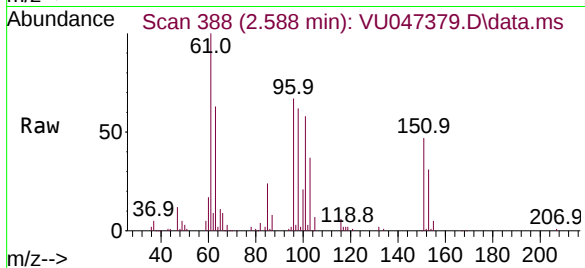
Tgt Ion:101 Resp: 53926

Ion Ratio Lower Upper

101 100

85 43.0 34.6 51.8

151 80.7 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.939 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

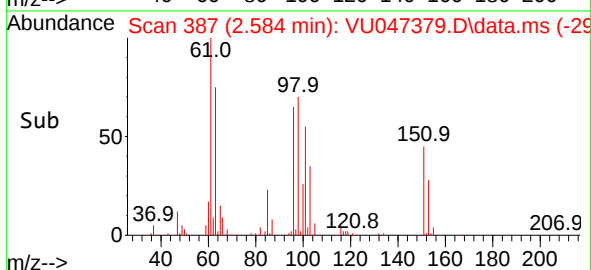
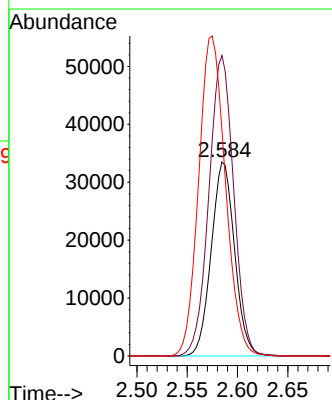
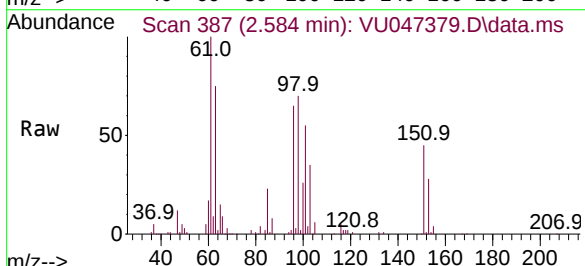
Tgt Ion: 96 Resp: 54143

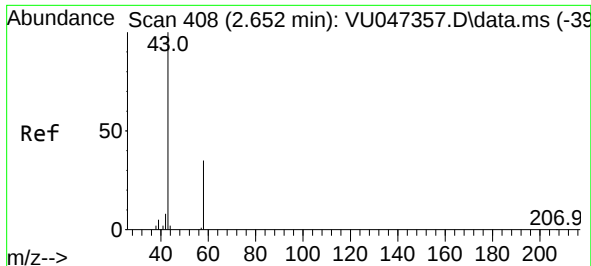
Ion Ratio Lower Upper

96 100

61 154.7 124.7 231.5

63 116.3 105.2 195.4





#13

Acetone

Concen: 41.449 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.003 min

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ClientSampleId :

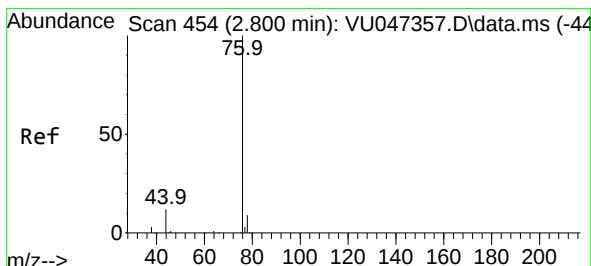
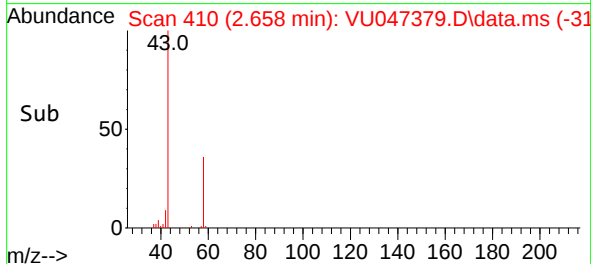
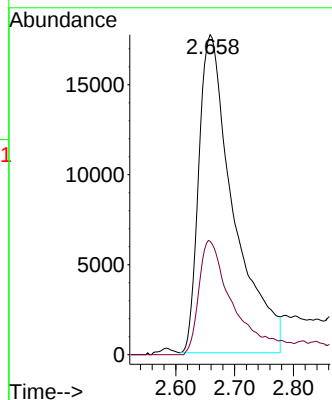
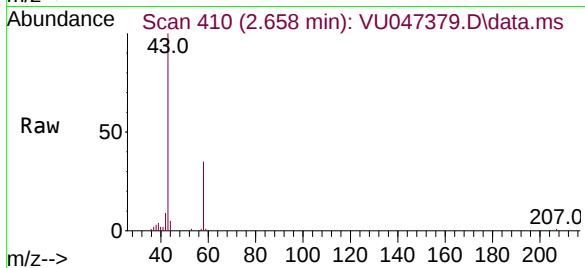
VSTD005087

Tgt Ion: 43 Resp: 72507

Ion Ratio Lower Upper

43 100

58 36.4 0.0 71.6



#14

Carbon disulfide

Concen: 5.673 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047379.D

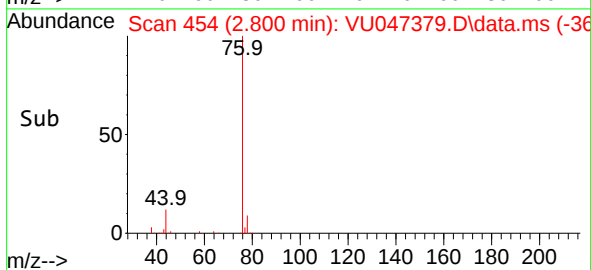
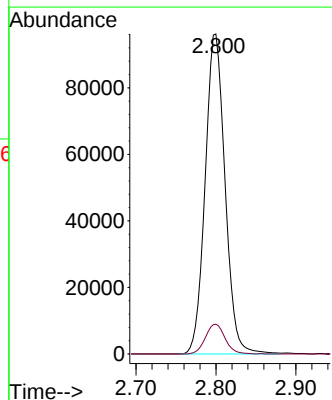
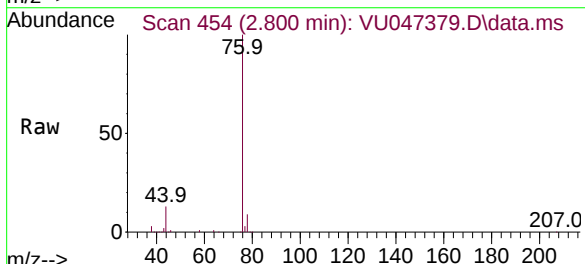
Acq: 07 Mar 2022 19:52

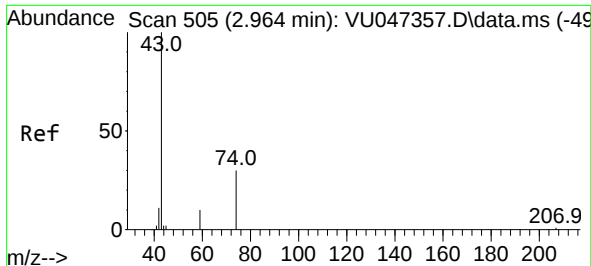
Tgt Ion: 76 Resp: 166697

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

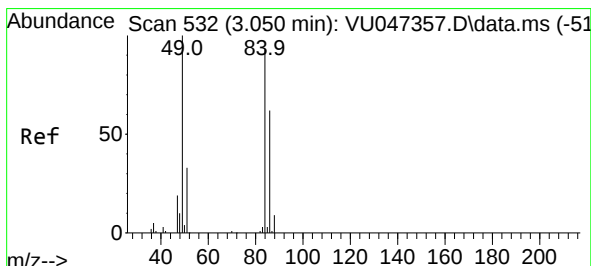
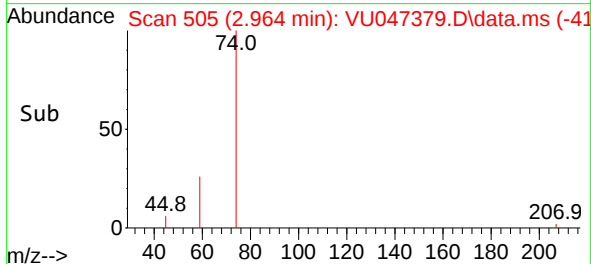
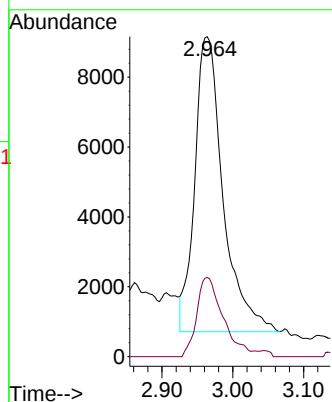
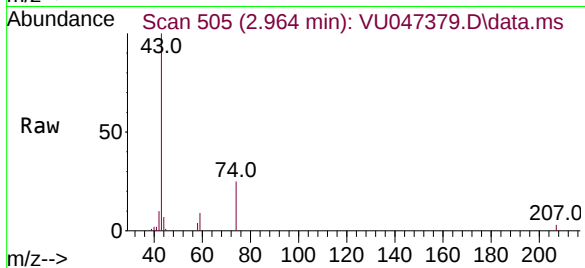




#15
Methyl Acetate
Concen: 5.853 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

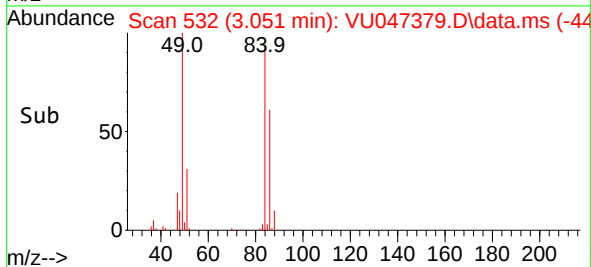
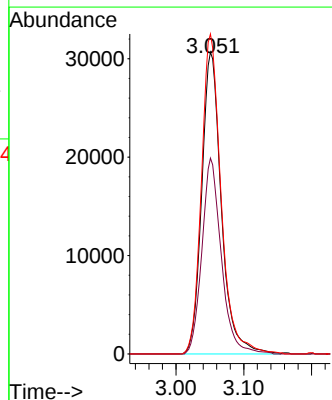
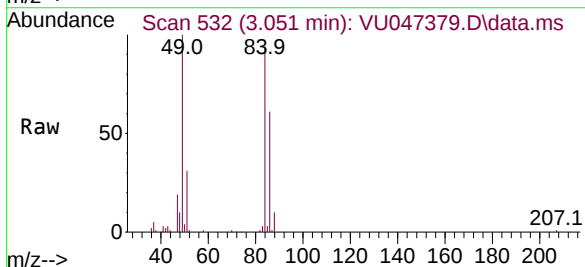
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

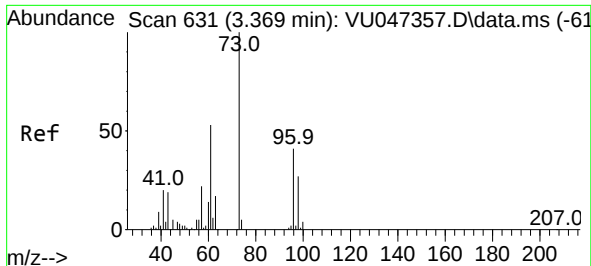
Tgt Ion: 43 Resp: 23457
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7



#16
Methylene chloride
Concen: 5.803 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 84 Resp: 61587
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 106.0 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.521 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

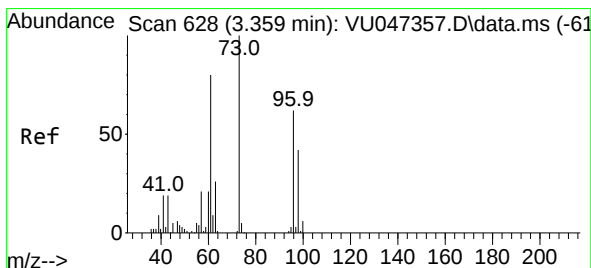
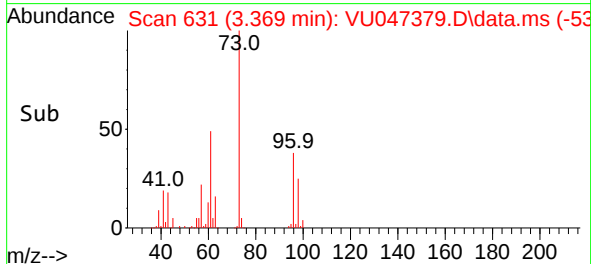
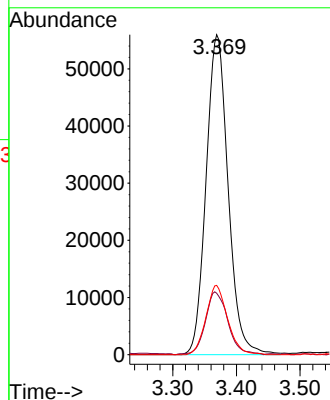
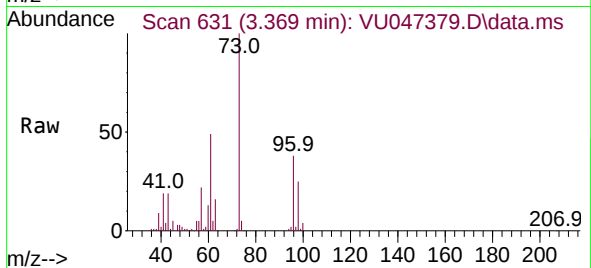
Tgt Ion: 73 Resp: 134776

Ion Ratio Lower Upper

73 100

43 20.0 14.8 22.2

57 21.2 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.772 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

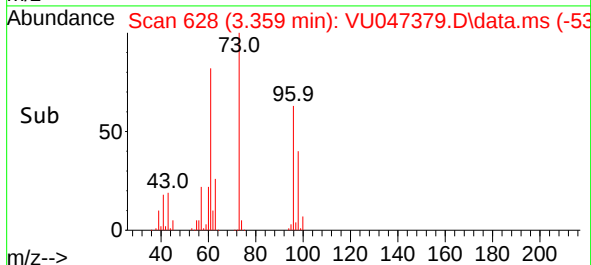
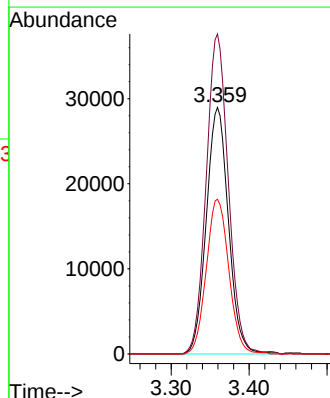
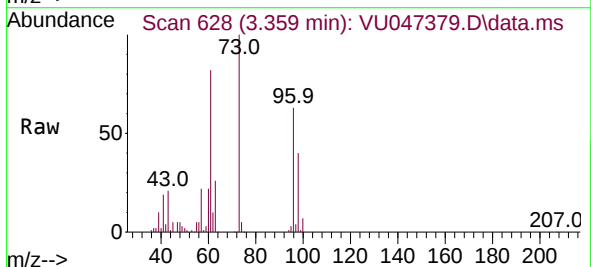
Tgt Ion: 96 Resp: 57150

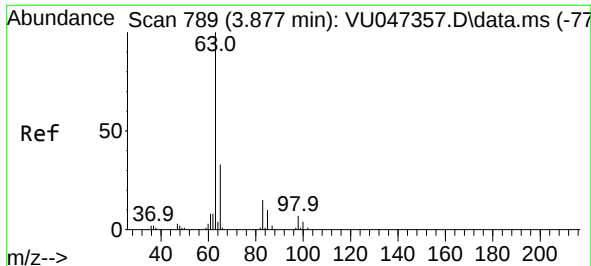
Ion Ratio Lower Upper

96 100

61 129.8 100.8 187.2

98 62.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.903 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

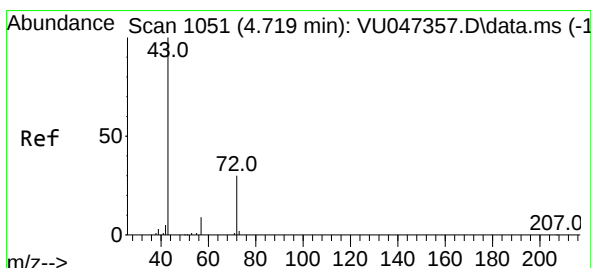
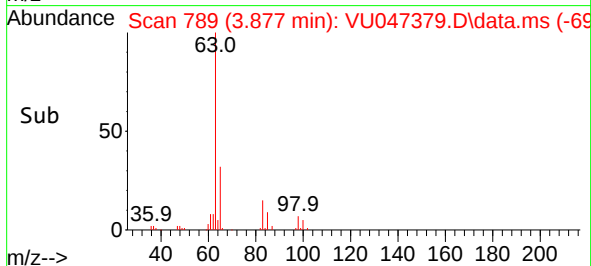
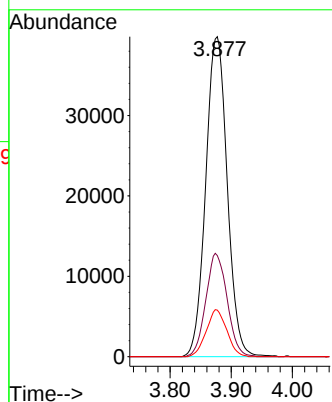
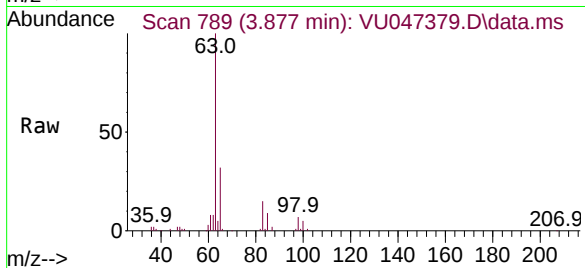
Tgt Ion: 63 Resp: 97302

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 14.6 9.6 17.8



#21

2-Butanone

Concen: 40.968 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU047379.D

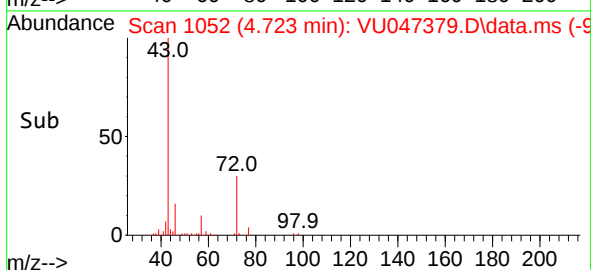
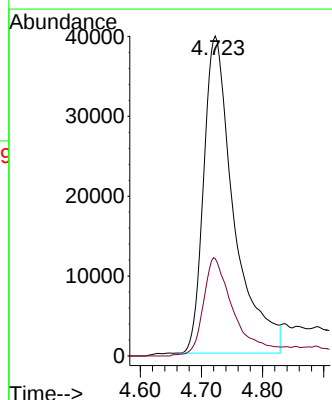
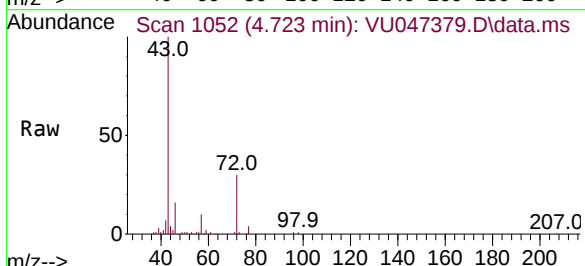
Acq: 07 Mar 2022 19:52

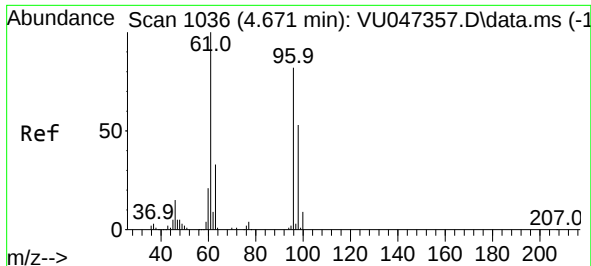
Tgt Ion: 43 Resp: 136233

Ion Ratio Lower Upper

43 100

72 31.6 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.834 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

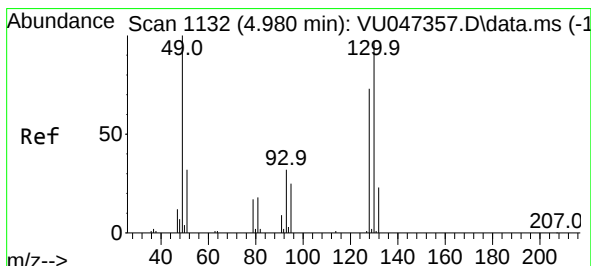
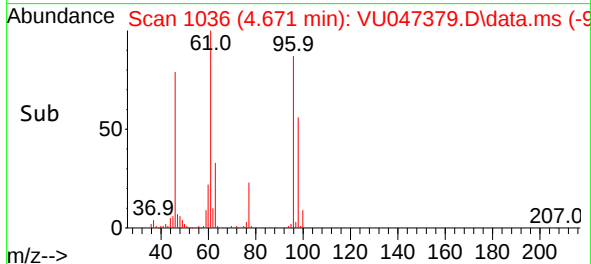
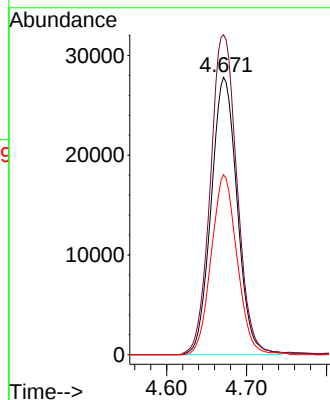
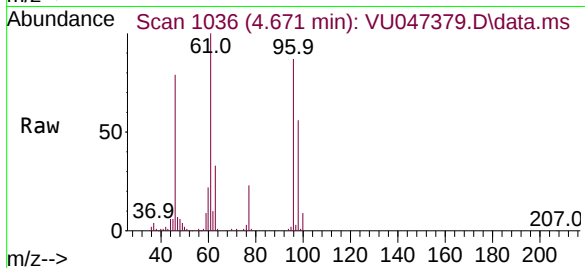
Tgt Ion: 96 Resp: 62877

Ion Ratio Lower Upper

96 100

61 115.3 88.5 164.3

98 64.9 44.4 82.5



#23

Bromochloromethane

Concen: 5.716 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Tgt Ion:128 Resp: 30766

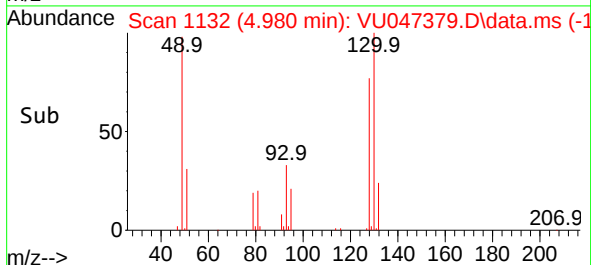
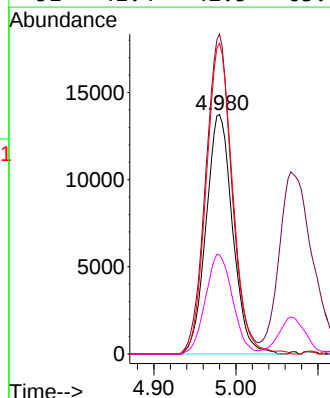
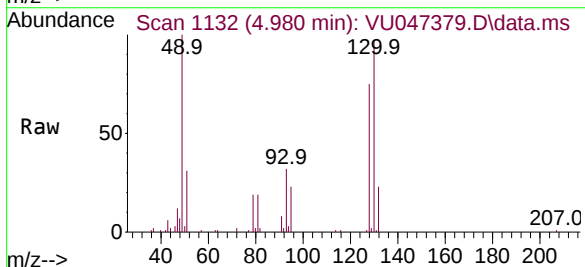
Ion Ratio Lower Upper

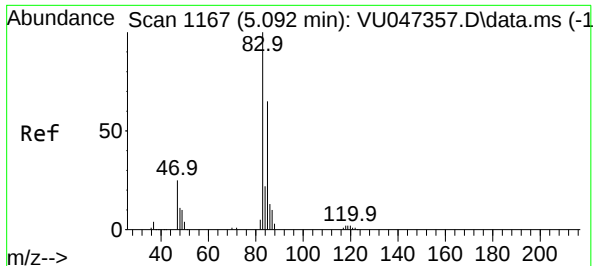
128 100

49 133.7 117.0 217.2

130 129.9 88.2 163.8

51 41.4 42.5 63.7#





#25

Chloroform

Concen: 5.732 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

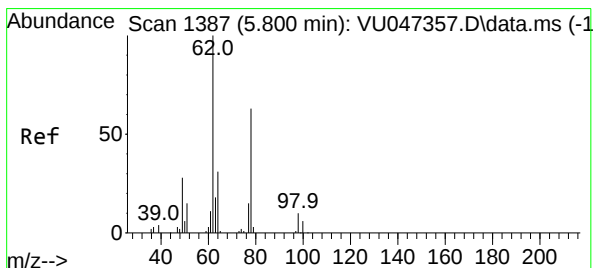
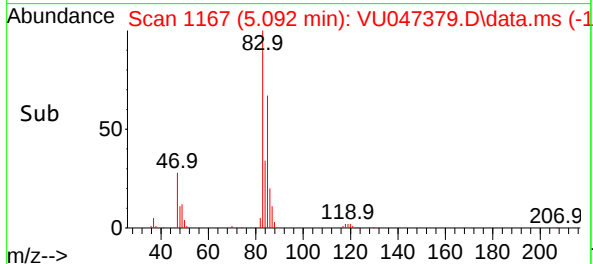
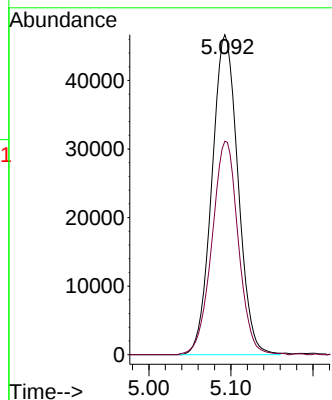
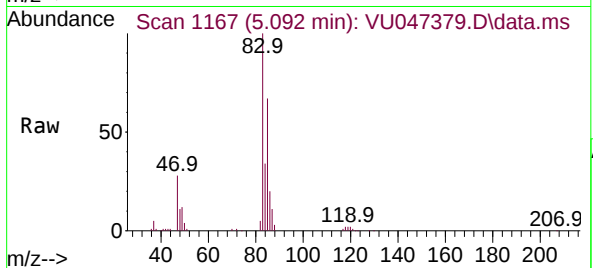
VSTD005087

Tgt Ion: 83 Resp: 103381

Ion Ratio Lower Upper

83 100

85 66.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.491 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047379.D

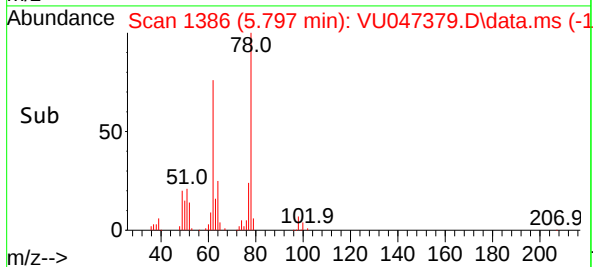
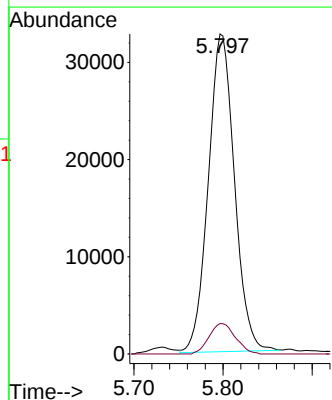
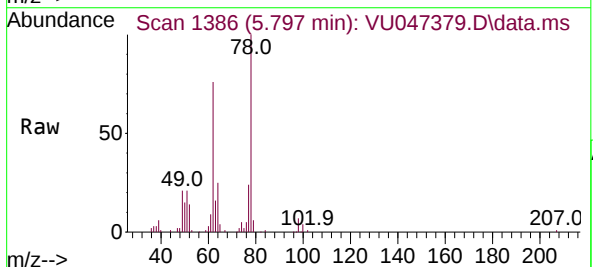
Acq: 07 Mar 2022 19:52

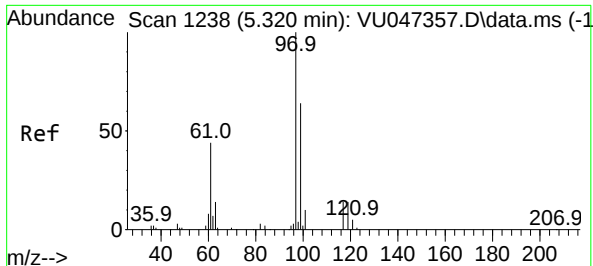
Tgt Ion: 62 Resp: 66702

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 6.056 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

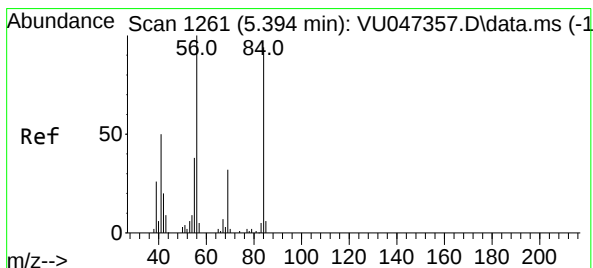
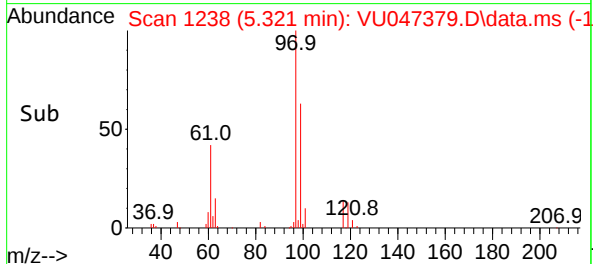
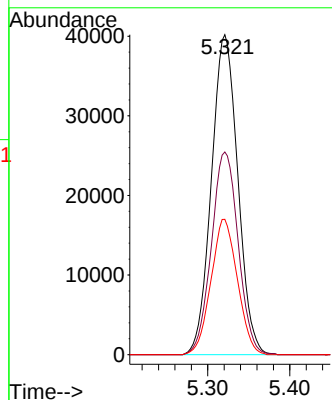
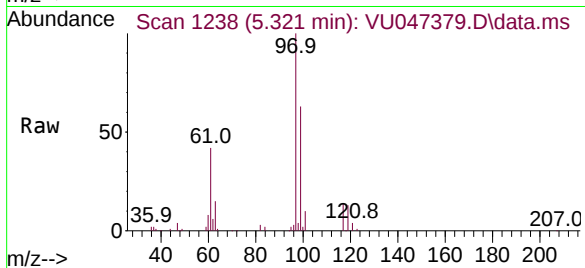
Tgt Ion: 97 Resp: 90062

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 42.4 36.1 54.1



#30

Cyclohexane

Concen: 5.929 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

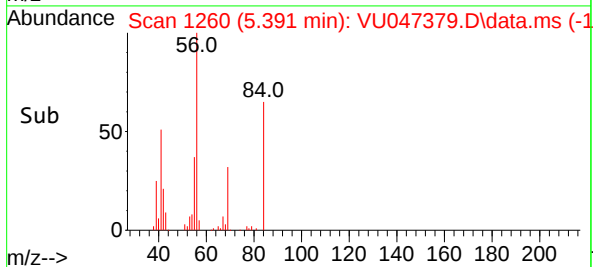
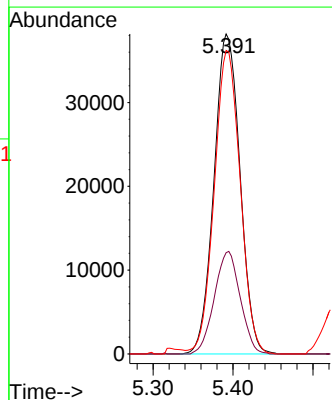
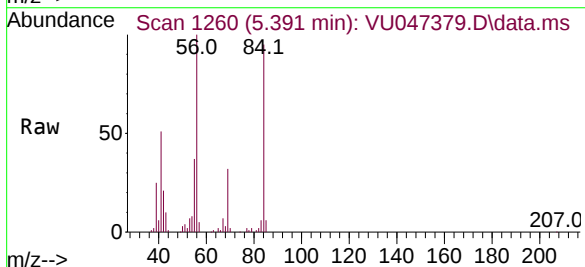
Tgt Ion: 56 Resp: 86278

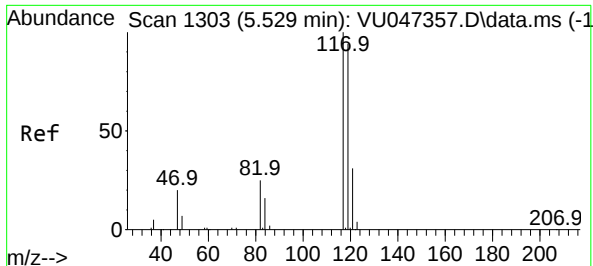
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 94.6 71.8 107.6

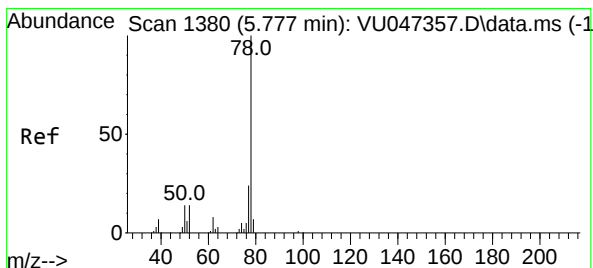
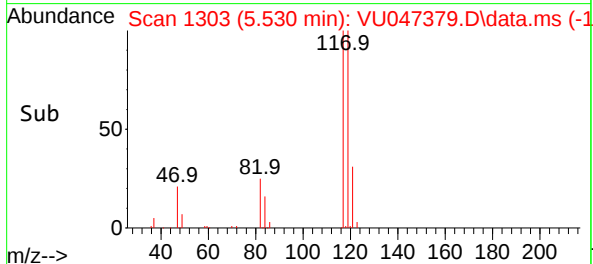
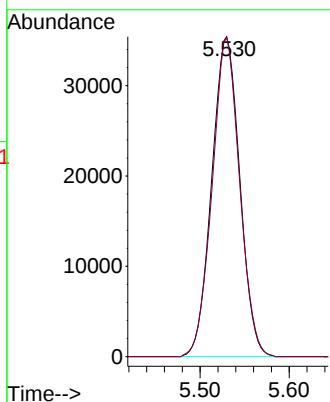
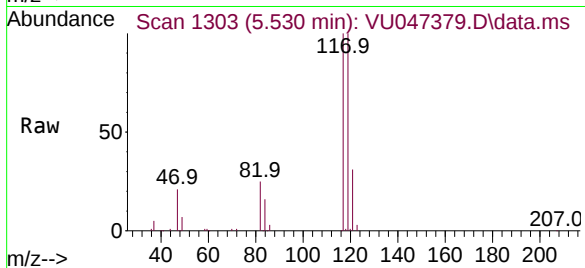




#31
Carbon tetrachloride
Concen: 6.025 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

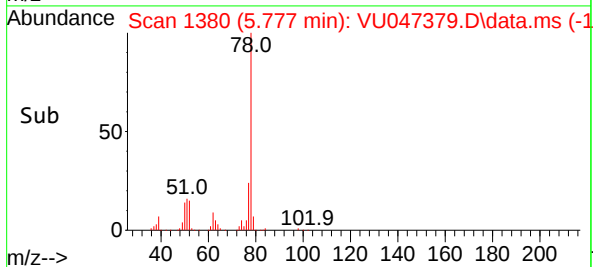
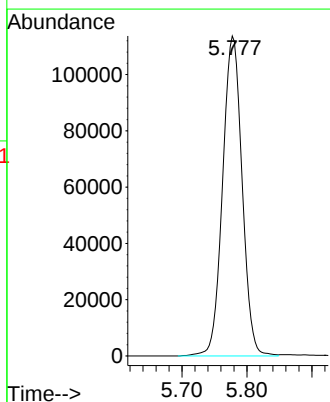
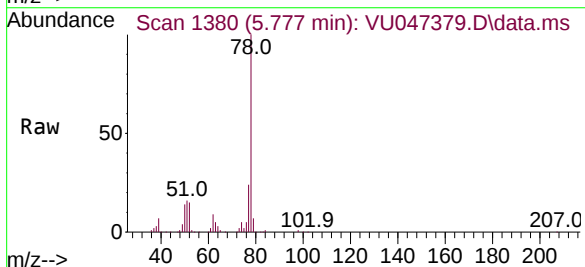
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

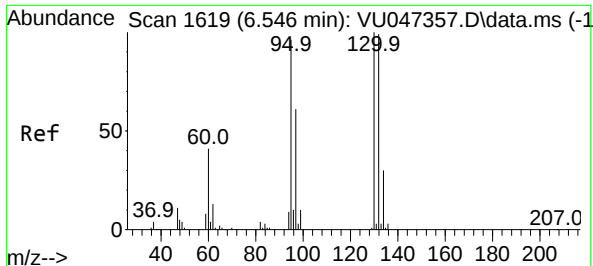
Tgt Ion:117 Resp: 77364
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 5.915 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 78 Resp: 236397

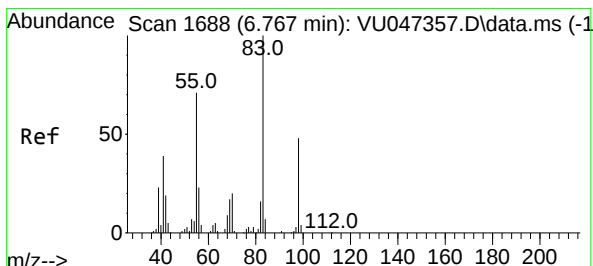
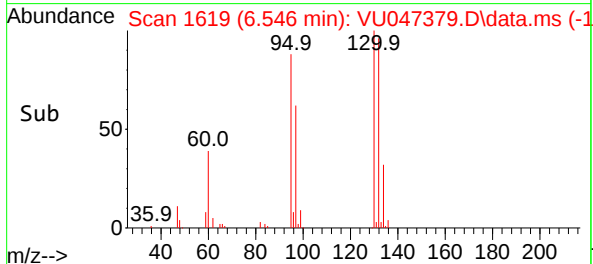
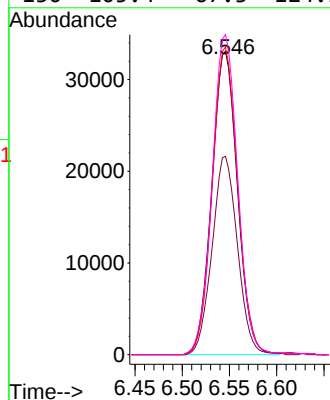
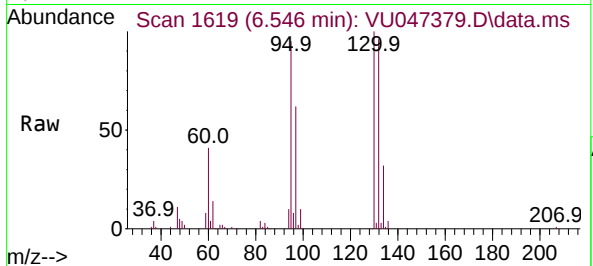




#34
Trichloroethene
Concen: 5.956 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

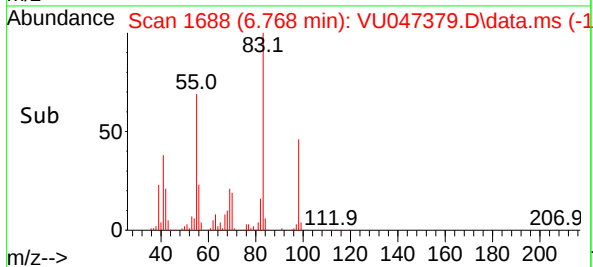
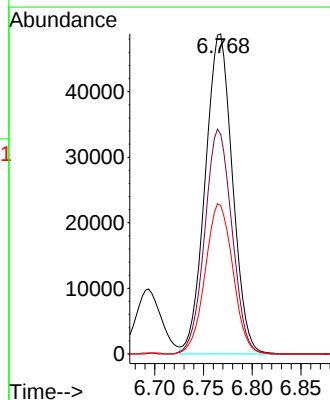
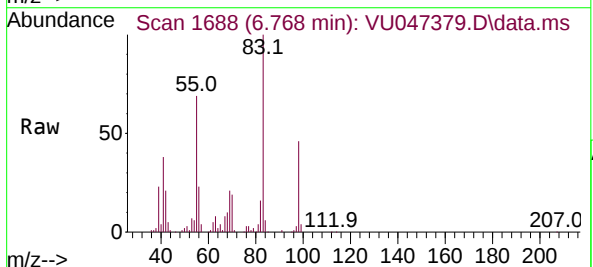
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

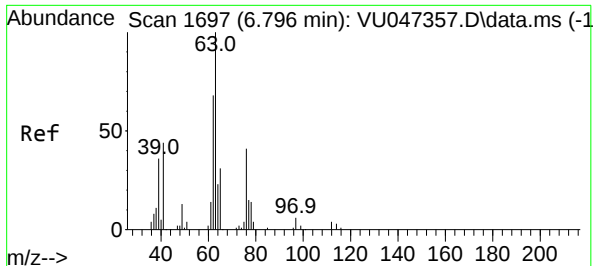
Tgt Ion: 95 Resp: 62563
Ion Ratio Lower Upper
95 100
97 65.4 46.5 86.5
132 101.4 65.1 120.9
130 105.4 67.3 124.9



#35
Methylcyclohexane
Concen: 5.900 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 83 Resp: 95043
Ion Ratio Lower Upper
83 100
55 70.0 61.9 92.9
98 47.7 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.776 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

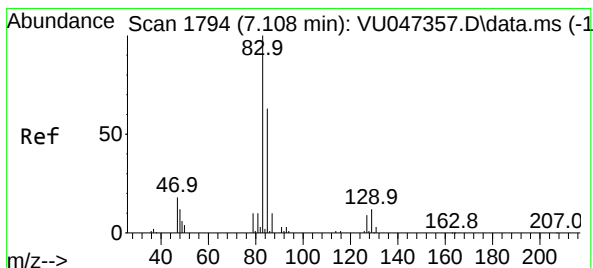
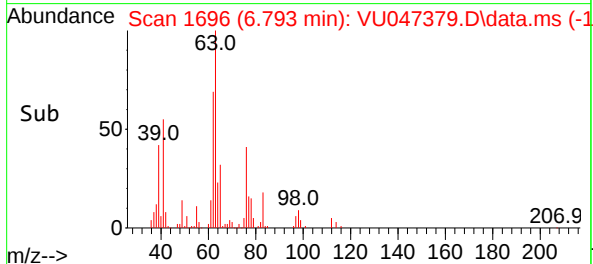
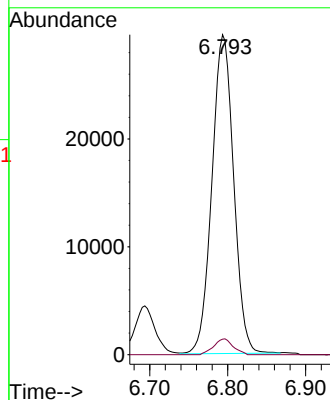
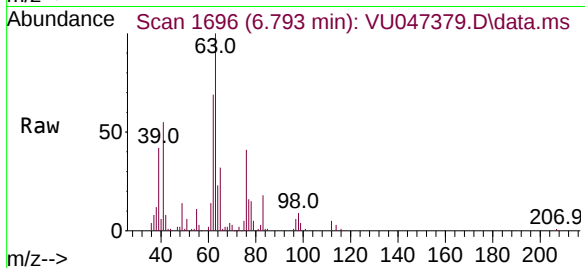
VSTD005087

Tgt Ion: 63 Resp: 57253

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 5.844 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

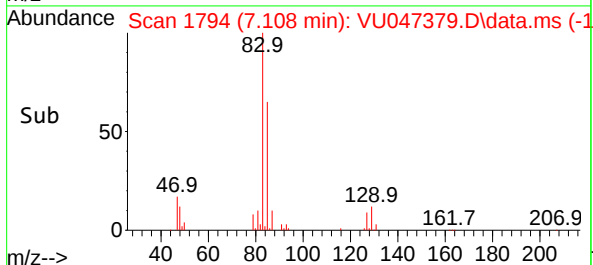
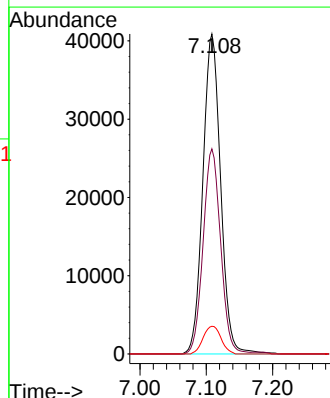
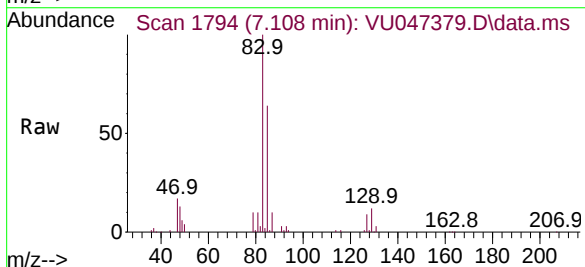
Tgt Ion: 83 Resp: 76022

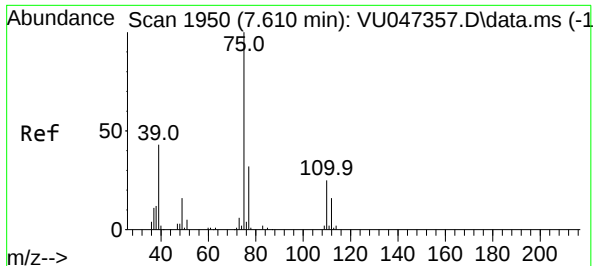
Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.512 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

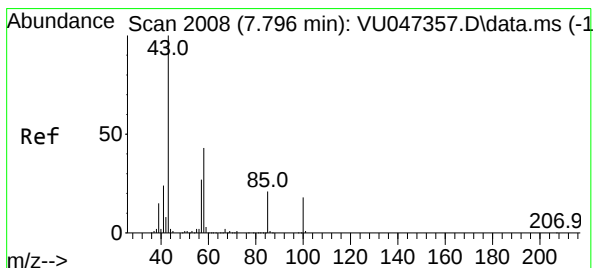
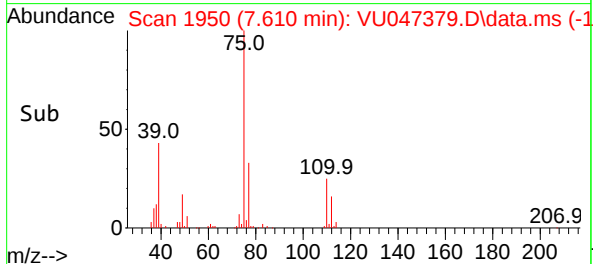
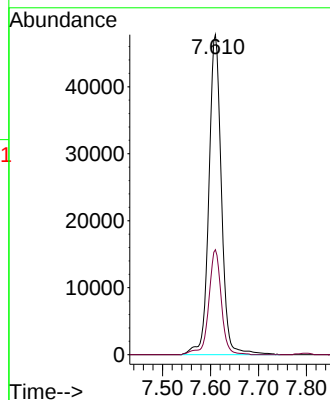
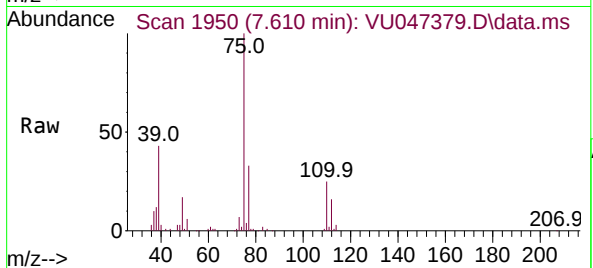
VSTD005087

Tgt Ion: 75 Resp: 86744

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.314 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

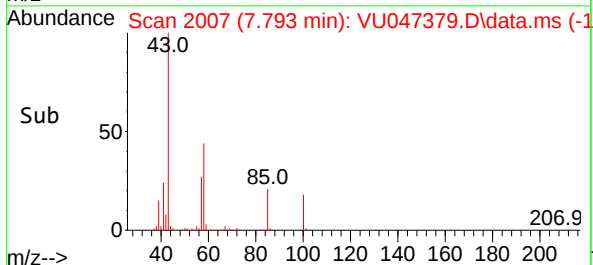
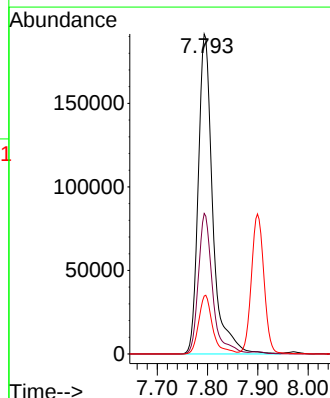
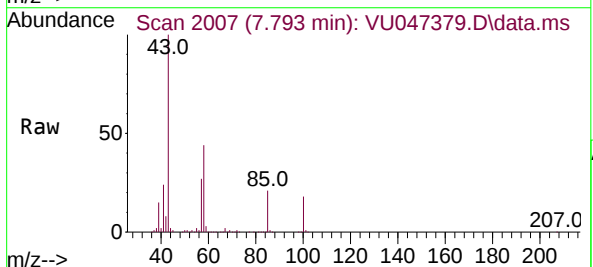
Tgt Ion: 43 Resp: 383641

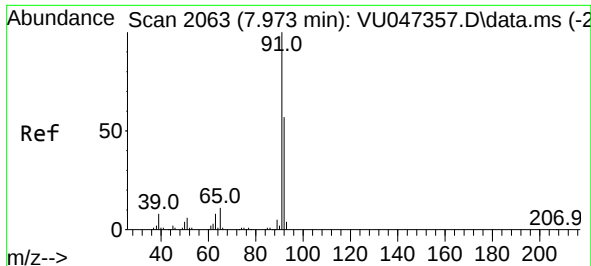
Ion Ratio Lower Upper

43 100

58 43.1 33.1 49.7

100 17.8 13.2 19.8





#42

Toluene

Concen: 5.985 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

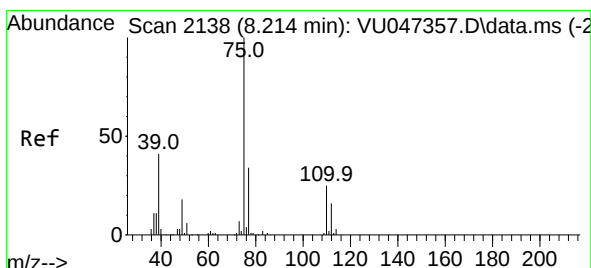
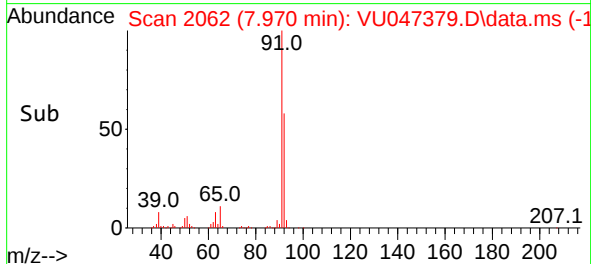
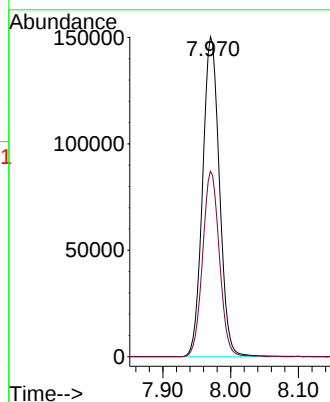
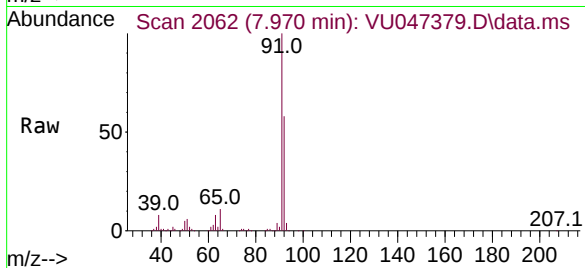
VSTD005087

Tgt Ion: 91 Resp: 259286

Ion Ratio Lower Upper

91 100

92 58.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.495 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047379.D

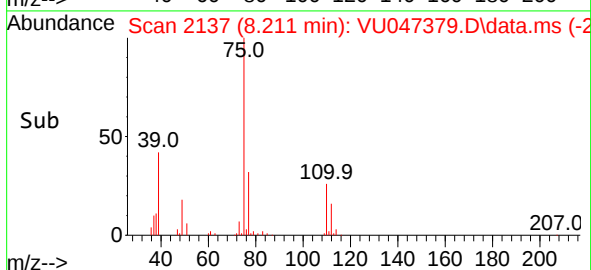
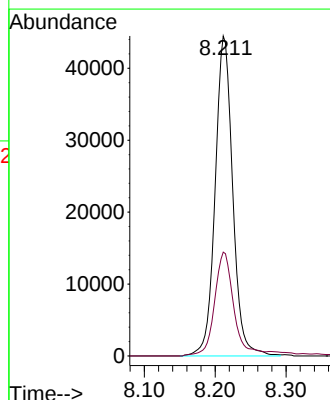
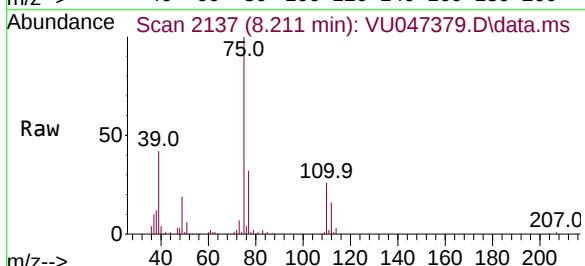
Acq: 07 Mar 2022 19:52

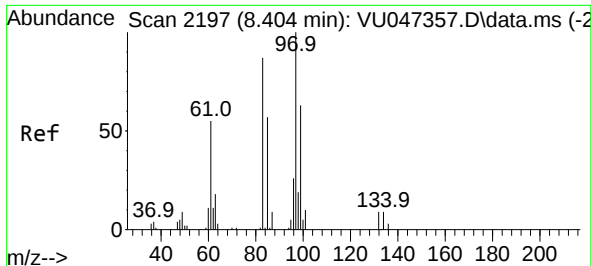
Tgt Ion: 75 Resp: 76632

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3

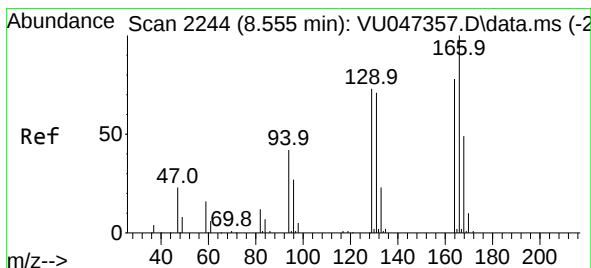
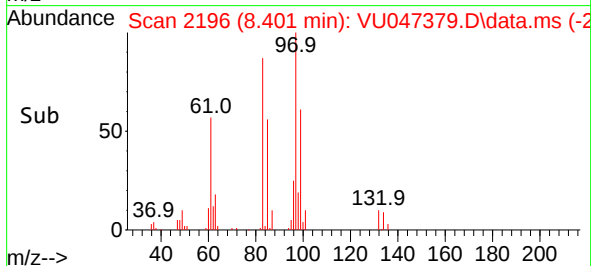
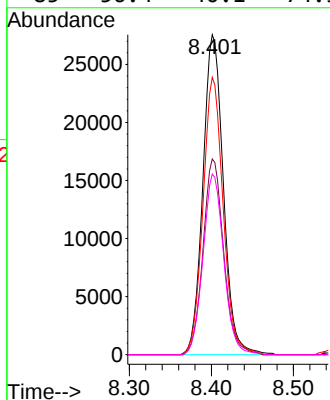
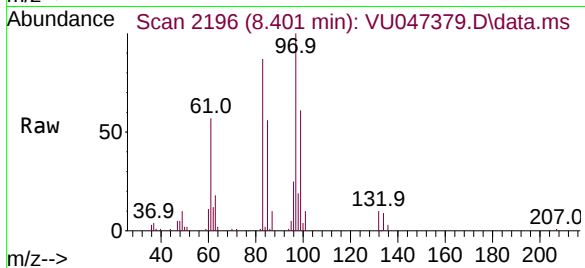




#45
1,1,2-Trichloroethane
Concen: 5.567 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

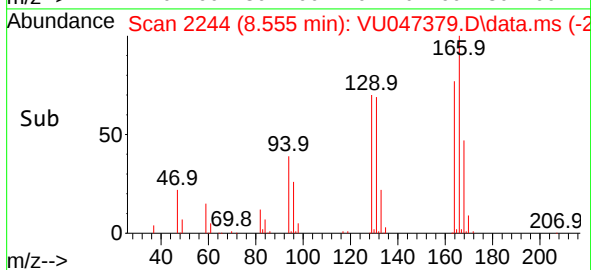
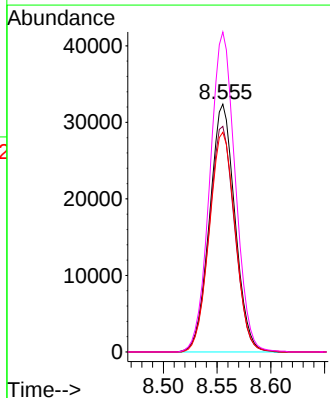
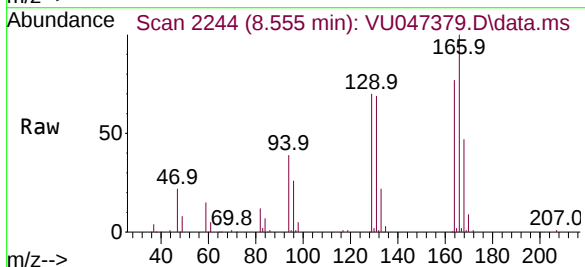
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

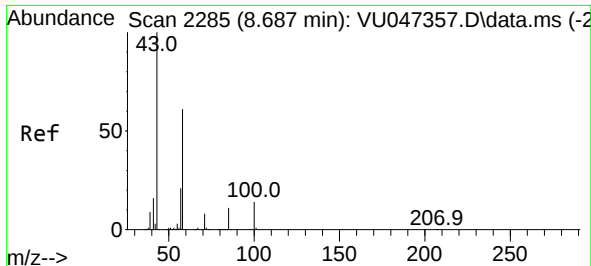
Tgt Ion:	97	Resp:	47713
Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.3	78.5
83	86.7	62.0	115.2
85	56.4	40.1	74.5



#47
Tetrachloroethene
Concen: 5.940 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion:	164	Resp:	53157
Ion	Ratio	Lower	Upper
164	100		
129	91.0	71.8	133.4
131	88.7	68.5	127.3
166	129.1	94.1	174.8

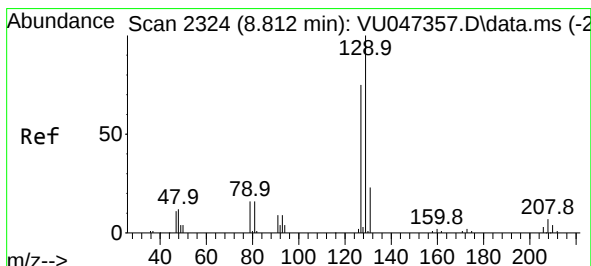
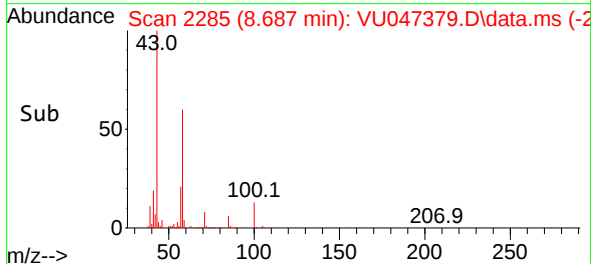
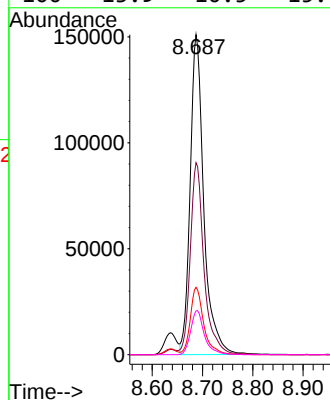
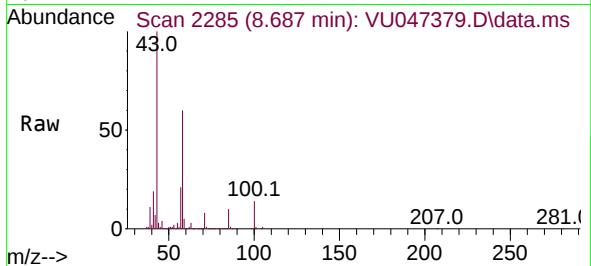




#48
2-Hexanone
Concen: 50.980 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

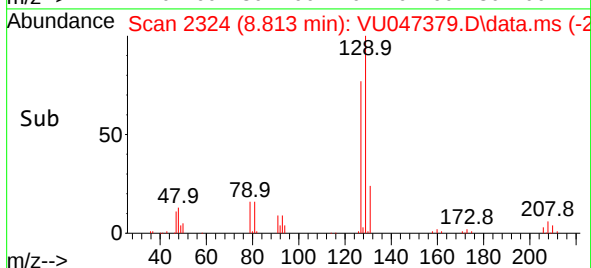
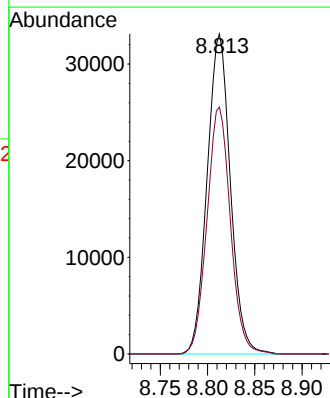
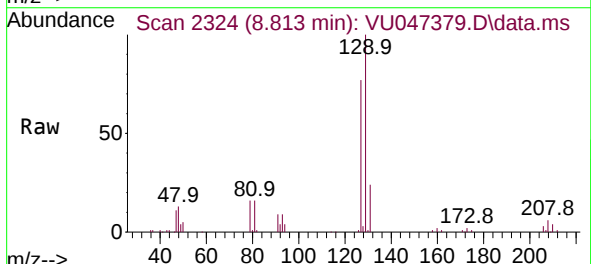
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

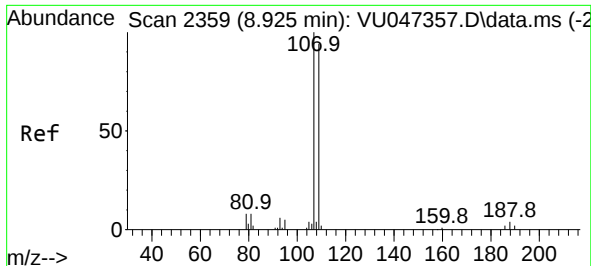
Tgt Ion: 43 Resp: 284282
Ion Ratio Lower Upper
43 100
58 60.3 46.7 70.1
57 20.5 16.3 24.5
100 13.9 10.5 15.7



#49
Dibromochloromethane
Concen: 5.612 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 129 Resp: 56611
Ion Ratio Lower Upper
129 100
127 77.2 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.446 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005087

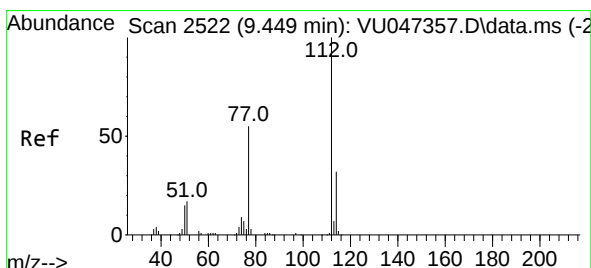
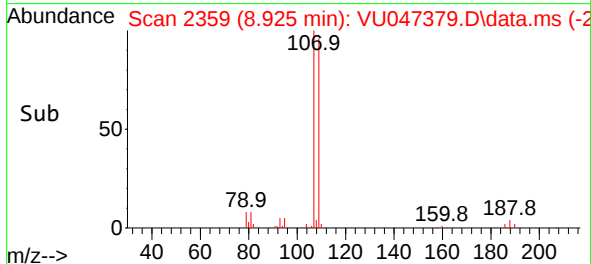
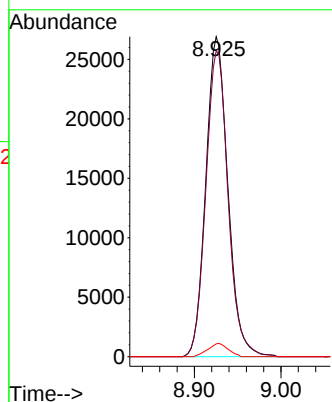
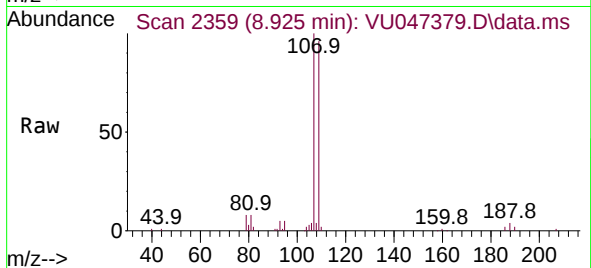
Tgt Ion:107 Resp: 47682

Ion Ratio Lower Upper

107 100

109 95.6 64.0 119.0

188 4.0 2.4 3.6#



#51

Chlorobenzene

Concen: 5.839 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

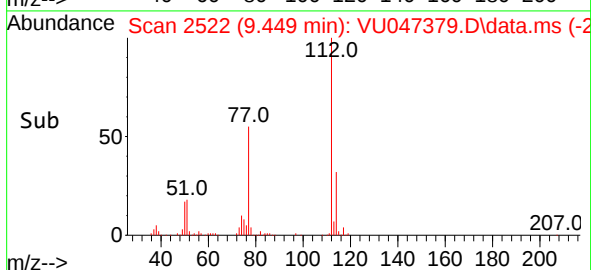
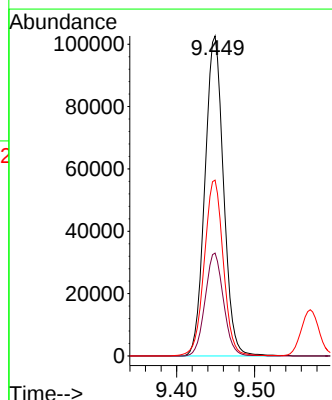
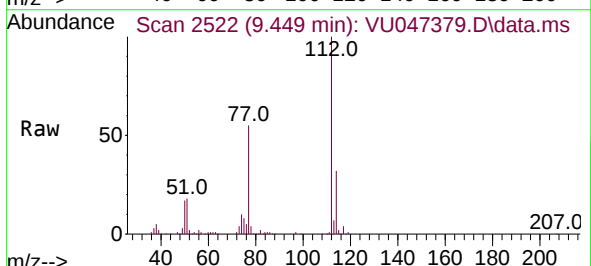
Tgt Ion:112 Resp: 170326

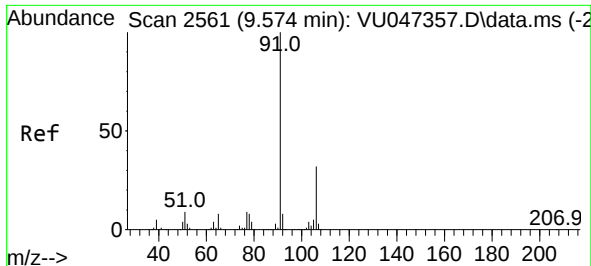
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 54.9 48.3 72.5

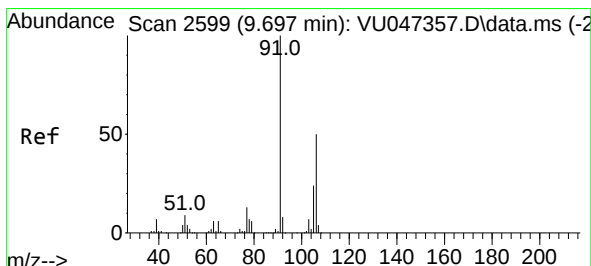
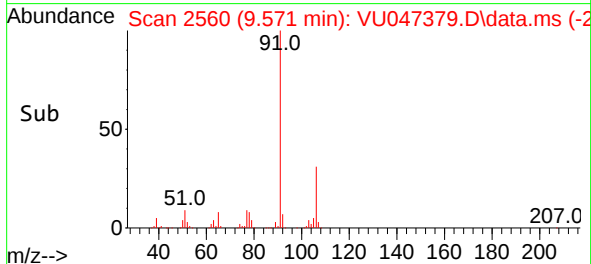
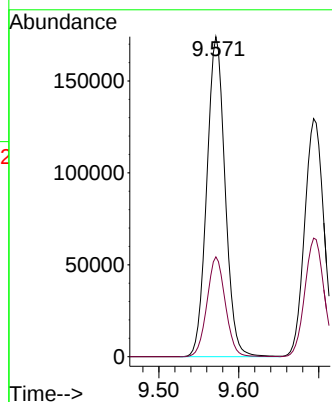
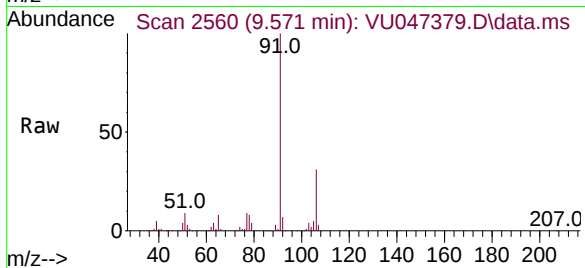




#52
Ethylbenzene
Concen: 5.979 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

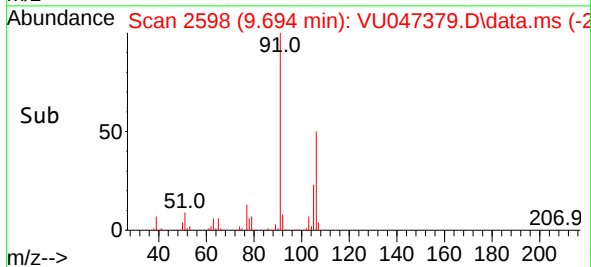
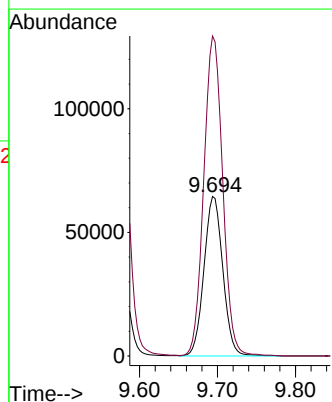
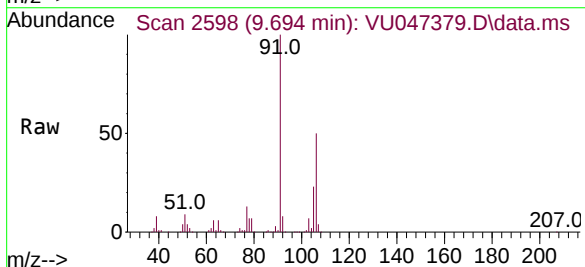
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

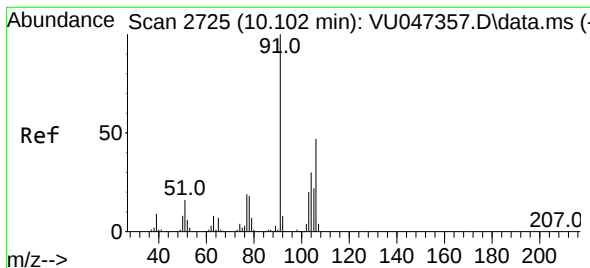
Tgt Ion: 91 Resp: 277060
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.888 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion:106 Resp: 108433
Ion Ratio Lower Upper
106 100
91 200.6 139.4 259.0





#54

o-Xylene

Concen: 5.895 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047379.D

Acq: 07 Mar 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

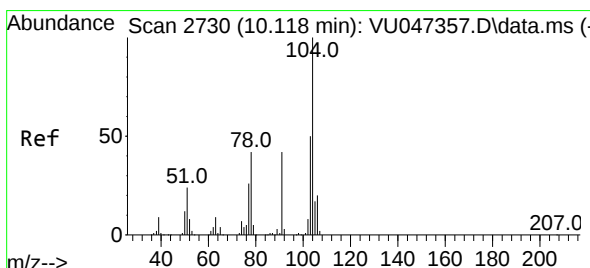
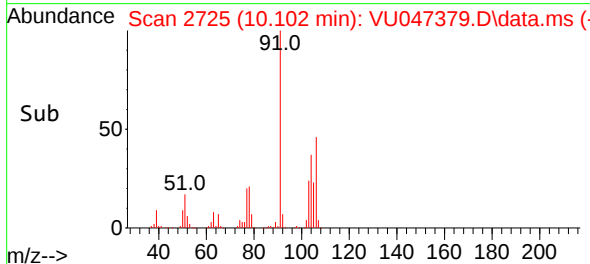
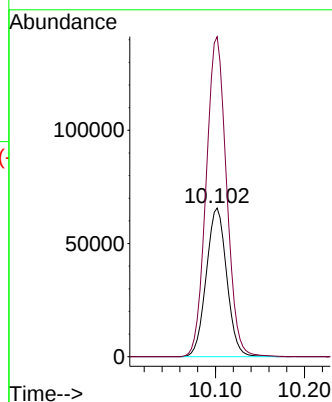
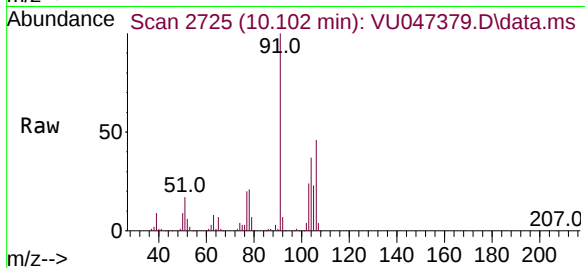
VSTD005087

Tgt Ion:106 Resp: 104694

Ion Ratio Lower Upper

106 100

91 215.4 147.5 273.9



#55

Styrene

Concen: 5.960 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047379.D

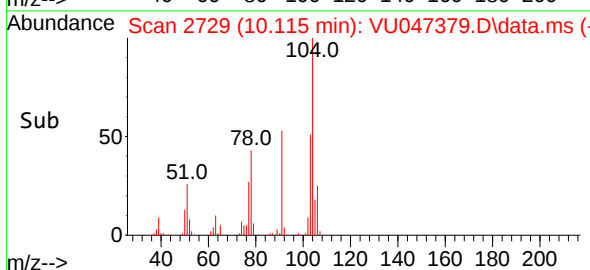
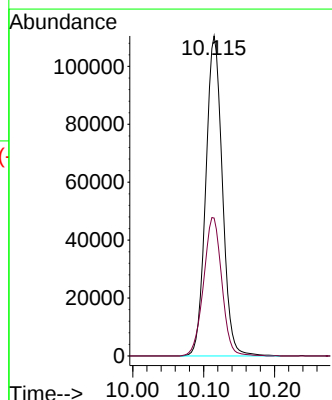
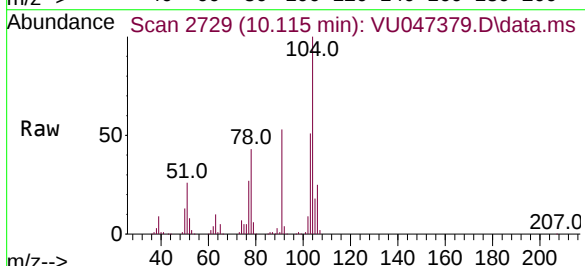
Acq: 07 Mar 2022 19:52

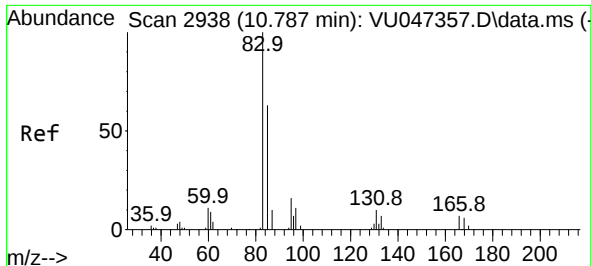
Tgt Ion:104 Resp: 179471

Ion Ratio Lower Upper

104 100

78 43.1 33.0 61.4

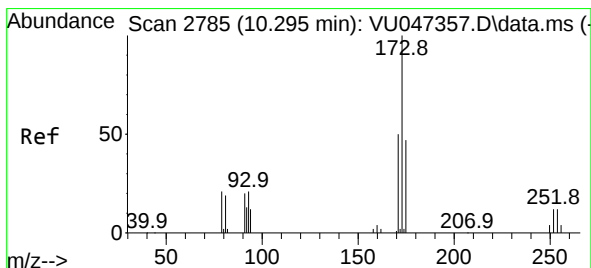
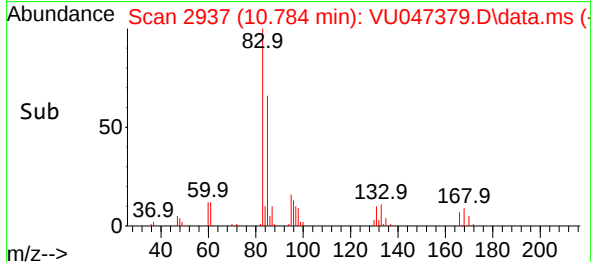
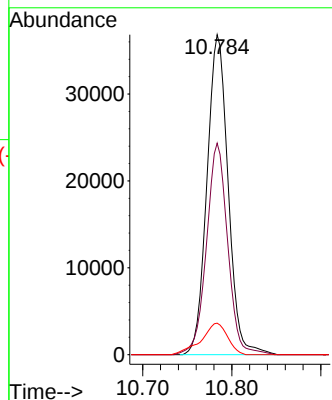
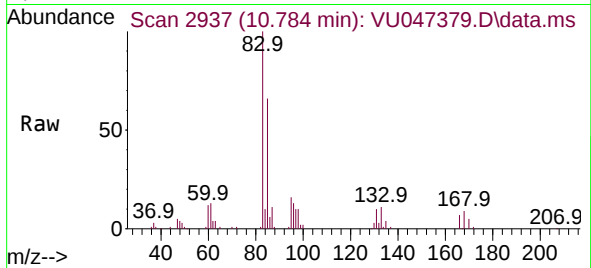




#57
1,1,2,2-Tetrachloroethane
Concen: 5.115 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

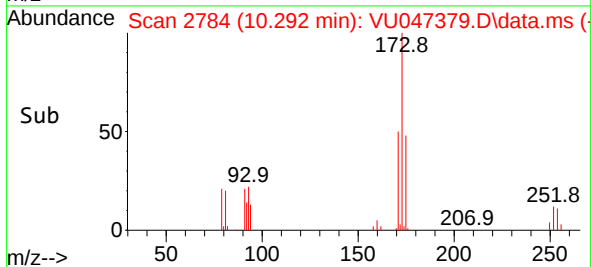
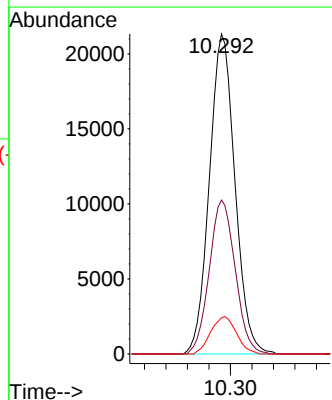
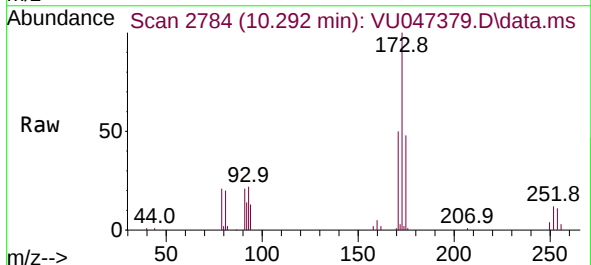
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

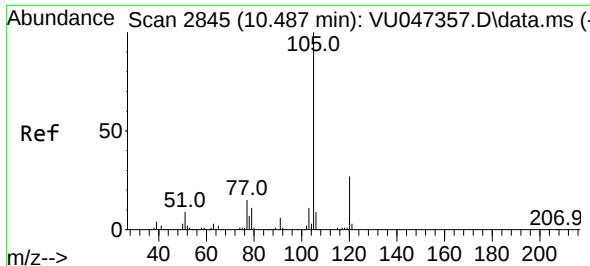
Tgt Ion: 83 Resp: 60683
Ion Ratio Lower Upper
83 100
85 66.1 47.9 89.1
131 9.8 8.1 12.1



#59
Bromoform
Concen: 5.553 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 173 Resp: 35228
Ion Ratio Lower Upper
173 100
175 48.7 37.8 56.6
254 11.7 7.3 10.9#

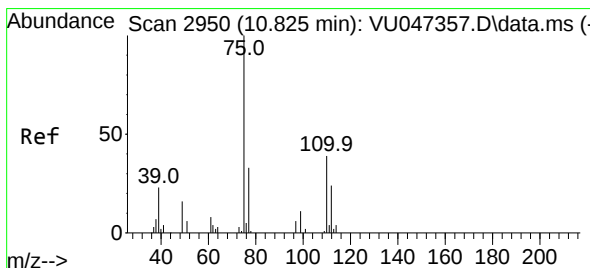
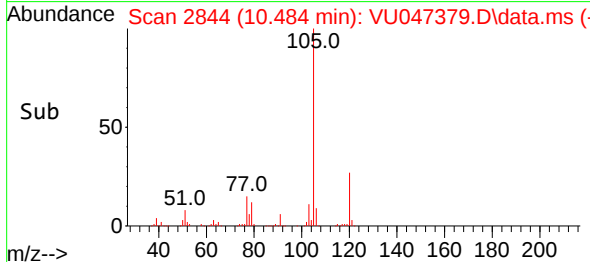
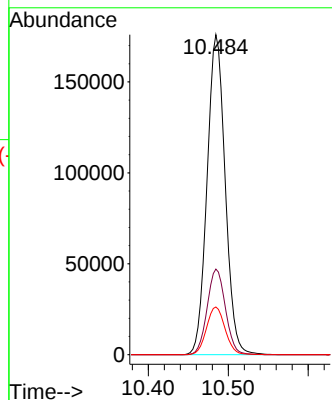
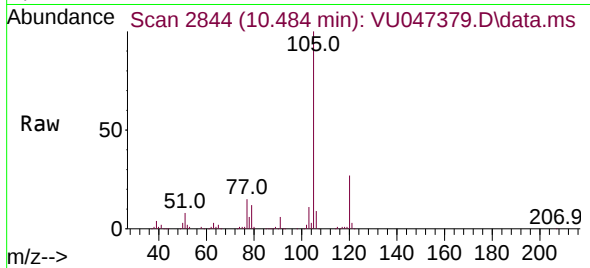




#60
Isopropylbenzene
Concen: 6.296 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

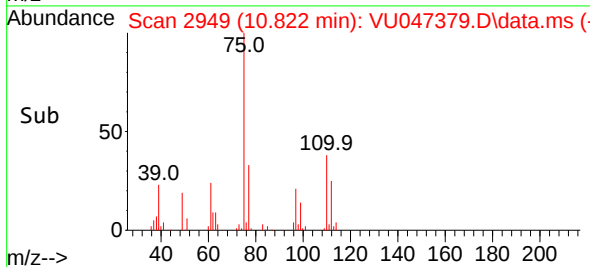
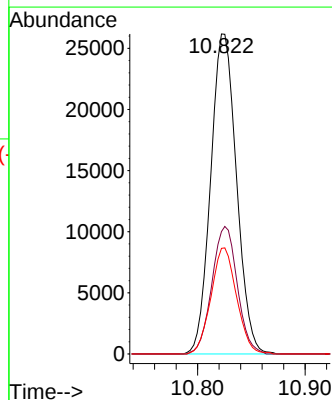
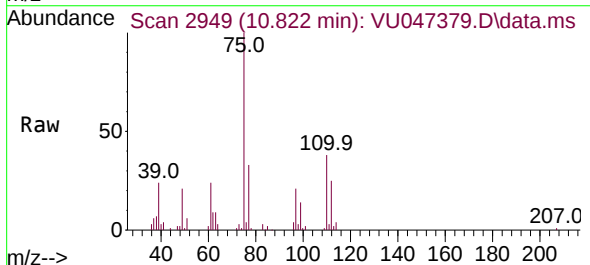
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

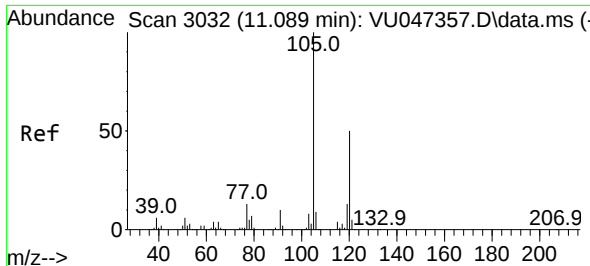
Tgt Ion:105 Resp: 277764
Ion Ratio Lower Upper
105 100
120 27.0 20.7 31.1
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.350 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 75 Resp: 43678
Ion Ratio Lower Upper
75 100
110 39.1 29.9 44.9
77 32.8 25.5 38.3

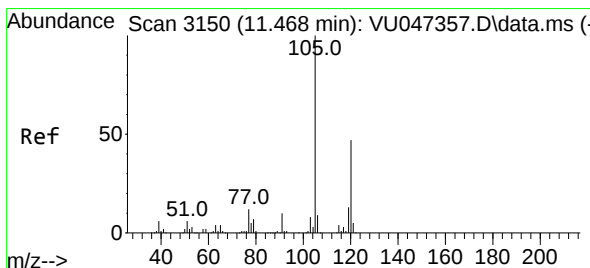
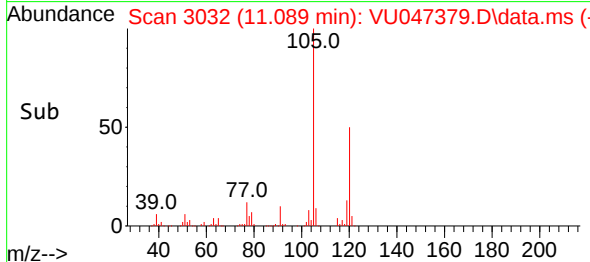
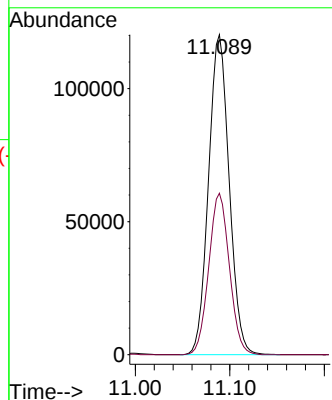
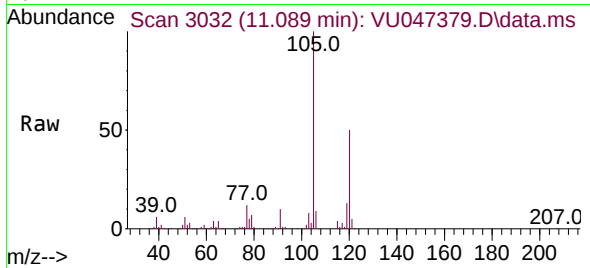




#62
 1,3,5-Trimethylbenzene
 Concen: 6.187 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047379.D
 Acq: 07 Mar 2022 19:52

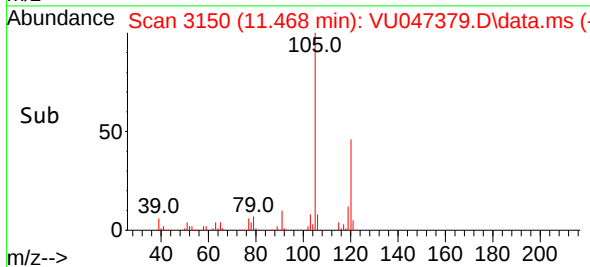
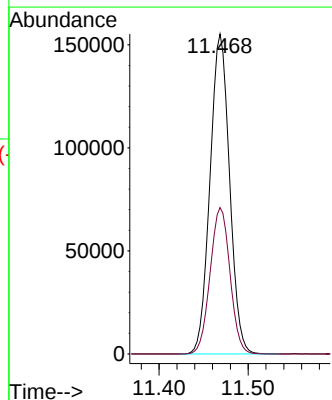
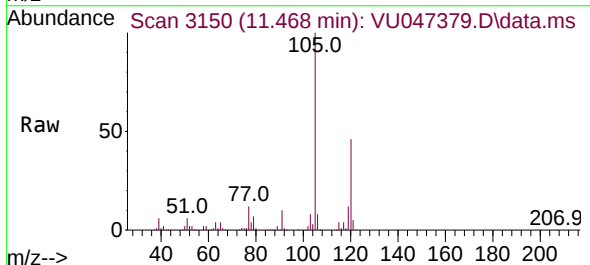
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

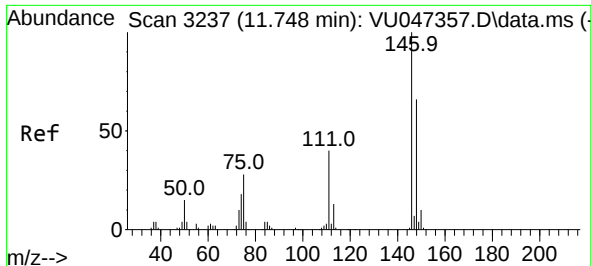
Tgt Ion:105 Resp: 182148
 Ion Ratio Lower Upper
 105 100
 120 50.5 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 6.174 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047379.D
 Acq: 07 Mar 2022 19:52

Tgt Ion:105 Resp: 236785
 Ion Ratio Lower Upper
 105 100
 120 46.4 35.8 53.8

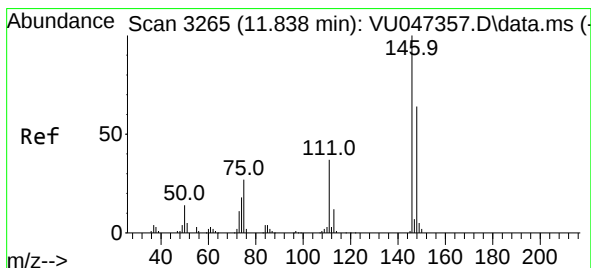
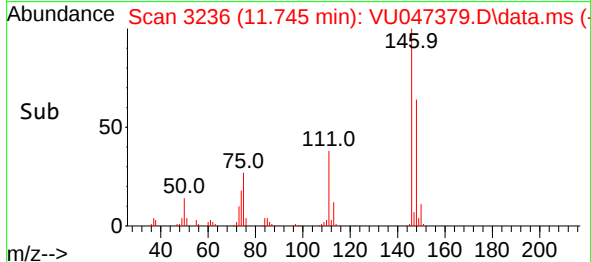
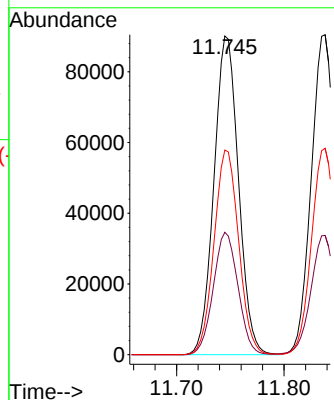
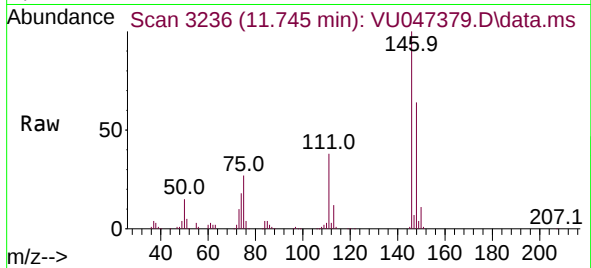




#64
1,3-Dichlorobenzene
Concen: 6.054 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

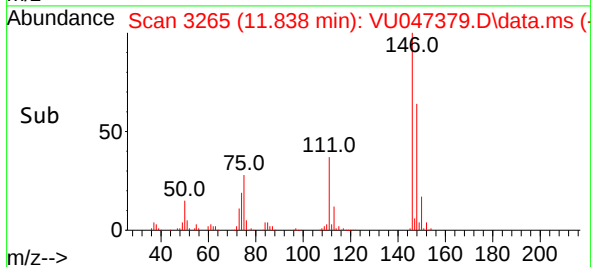
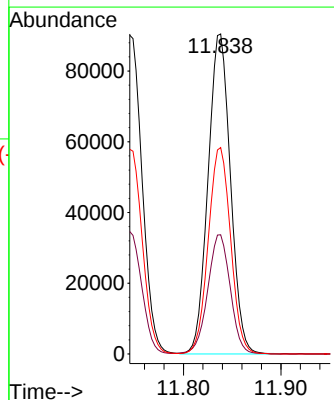
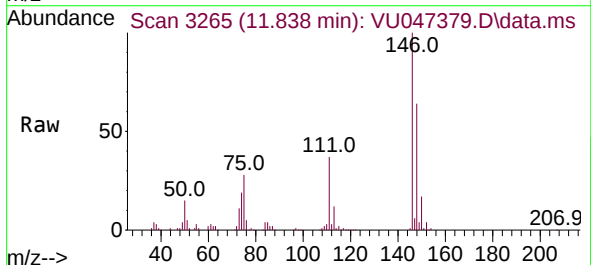
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

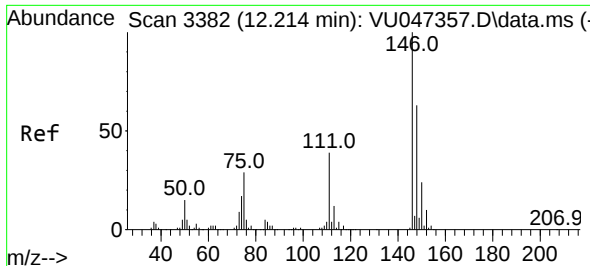
Tgt Ion:146 Resp: 142902
Ion Ratio Lower Upper
146 100
111 38.4 29.9 55.5
148 64.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.974 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion:146 Resp: 144469
Ion Ratio Lower Upper
146 100
111 37.2 28.7 53.3
148 64.5 45.8 85.0

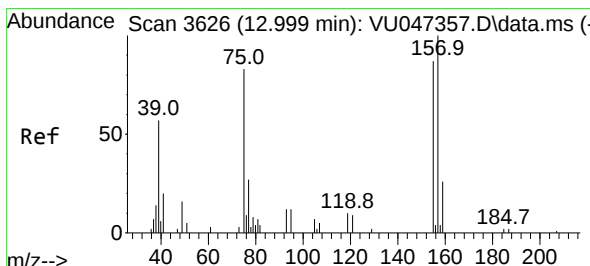
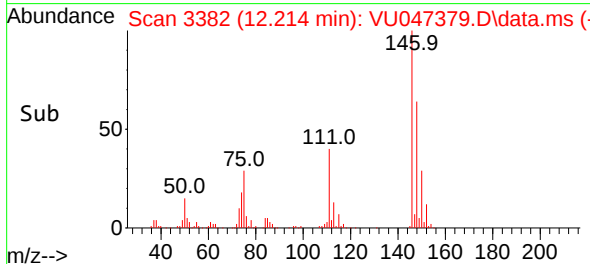
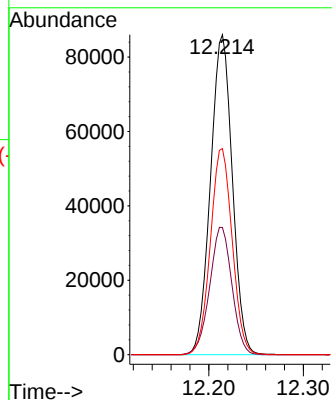
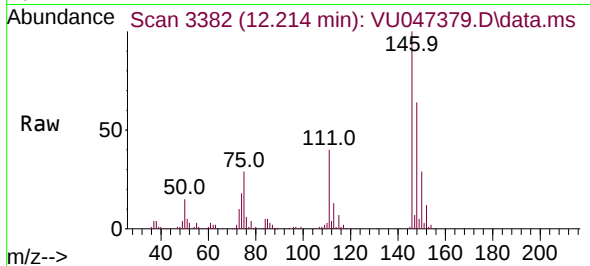




#67
1,2-Dichlorobenzene
Concen: 5.916 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

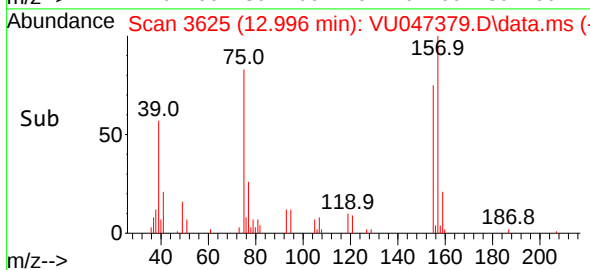
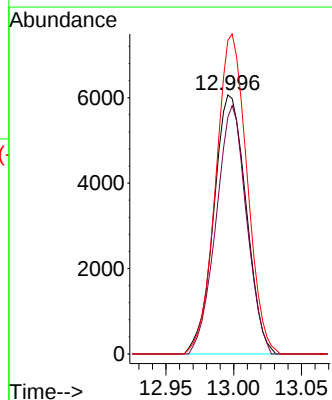
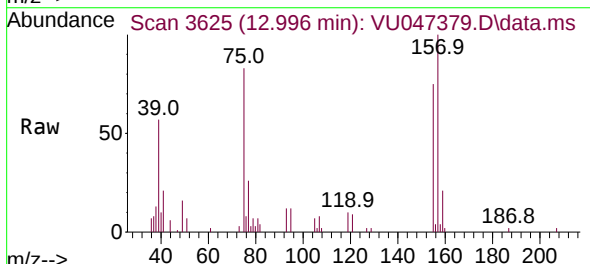
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

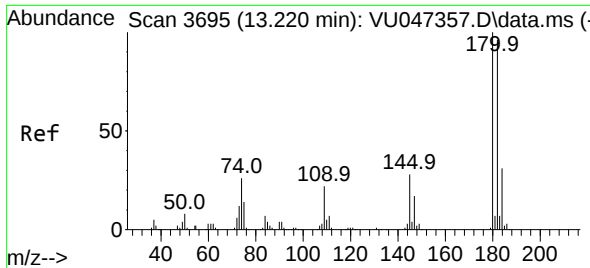
Tgt Ion:146 Resp: 138073
Ion Ratio Lower Upper
146 100
111 39.7 35.4 53.0
148 64.4 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.387 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion: 75 Resp: 10049
Ion Ratio Lower Upper
75 100
155 91.4 59.2 88.8#
157 121.1 76.5 114.7#

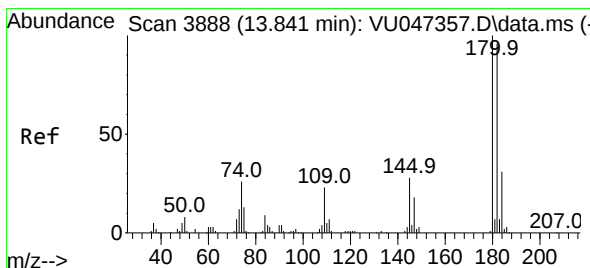
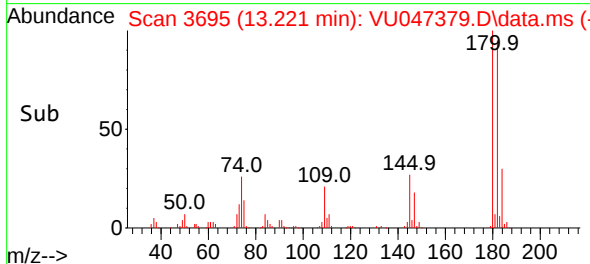
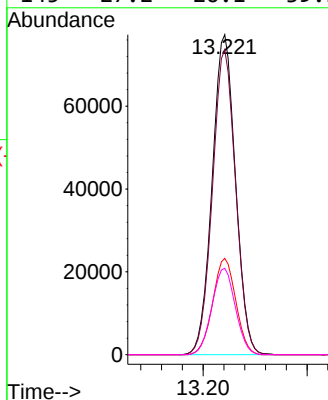
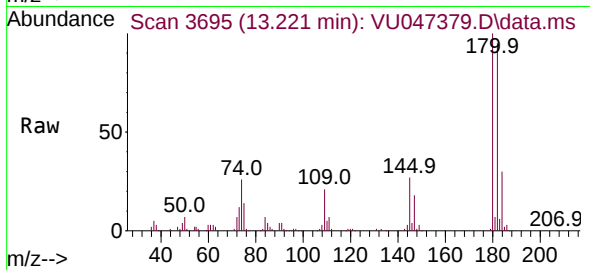




#69
 1,3,5-Trichlorobenzene
 Concen: 6.105 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047379.D
 Acq: 07 Mar 2022 19:52

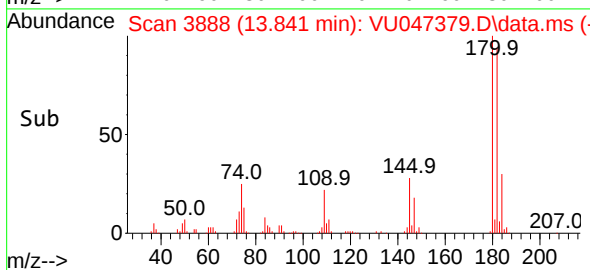
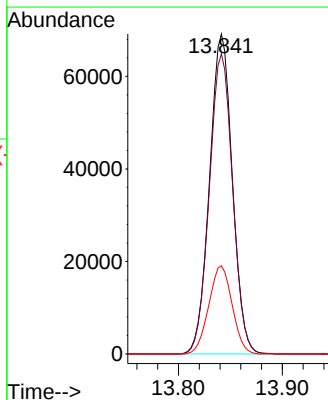
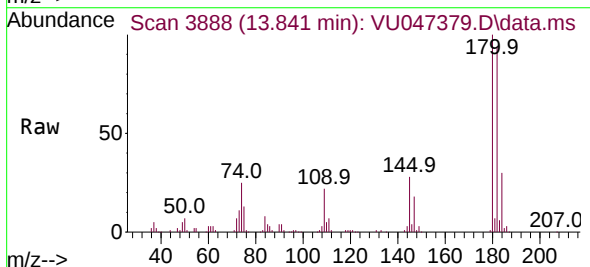
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

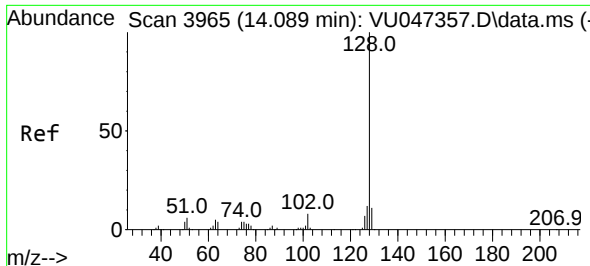
Tgt Ion:	180	Resp:	120145
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.1	114.1
184	29.9	25.0	37.4
145	27.2	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.905 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047379.D
 Acq: 07 Mar 2022 19:52

Tgt Ion:	180	Resp:	105611
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	28.2	25.6	38.4

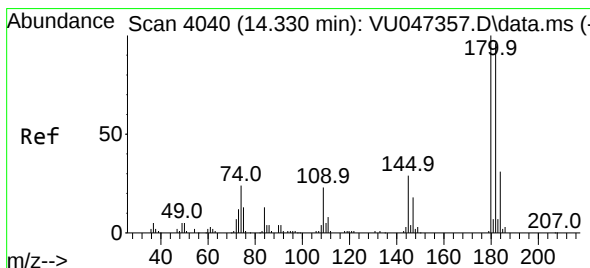
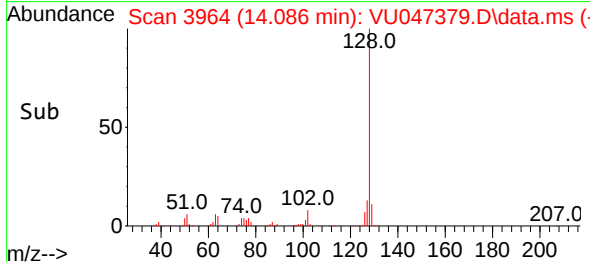
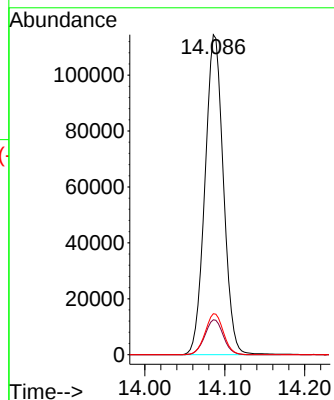
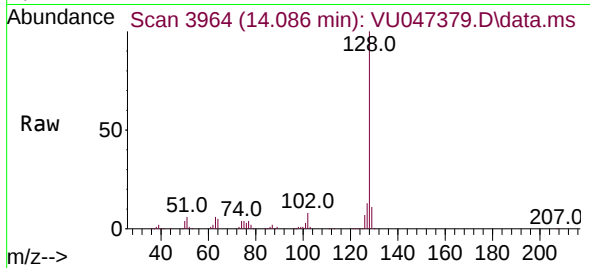




#71
Naphthalene
Concen: 5.145 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

Tgt Ion:128 Resp: 183438
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.879 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047379.D
Acq: 07 Mar 2022 19:52

Tgt Ion:180 Resp: 97877
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 29.1 28.4 42.6

